EMIST and DRUGGIST JANUARY 30, 1943

The
HEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

ished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3 2 8 6
XXXIX JANUARY 30, 1943 Annual Subscription (with Diary) 25/-. Single Copies 9d.

BARBITURIC ACID DERIVATIVES

PROGRESS in the therapeutic field has always been the aim of the Lilly Research Laboratories, and in the case of Barbituric Acid derivatives some notable products have resulted. Judged by criteria of potency, uniformity, stability and purity these products rank high and command the confidence of the medical profession. In keeping with the Lilly Policy, distribution is reserved to the Drug Trade.

LI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS.

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it's chic!
it's soft!
it's silky!

Dhaussy

FACE POWDER

AVAILABLE IN THREE SHADES
BLONDE · PÊCHE · BRUNETTE

WAR TIME PACK 10½d. BOXES 2/11

Also DUSTING POWDER
Complete with Puff
Retail 7/6

A NAME WELL KNOWN SINCE 1924

New quota restrictions have controlled Face Powder, but available supplies will be distributed as fairly as possible

OBTAINABLE FROM ALL WHOLESALERS

SOLE DISTRIBUTORS:—

ALFRED FRANKS & BARTLETT CO. LTD.

AUDREY HOUSE, ELY PLACE, HOLBORN CIRCUS, LONDON, E.C.1

TELEPHONE: HOLBORN 1078-9

MADE BY THE CYONA CO. LTD., LONDON, N.W.1, REGISTERED MANUFACTURERS

ON THE RIGHT TRACK

"Time," wrote Shakespeare, "is the breeder of all good."

Chemists all over the country are beginning to see the results of a long-term policy determined upon by the present management of J. W. Simpson (Chemist), Ltd., more than three years ago when the business was reconstructed and the management changed.

Briefly this policy was, and still is, founded upon the determination to give the retail chemist the fullest possible support and an absolutely square deal.

Three things have become clear:

Simpson products are (*a*) therapeutically sound products which are well manufactured, live up to the claims made for them and meet the present-day needs of the public; (*b*) profitable products yielding a really generous margin; and (*c*) supported by well-conceived and conservative advertising.

What else have chemists noticed?

A number of things. The fact that Simpson's have been loyal supporters of the C.F. scheme *from its inception*. The fact that Simpson's are behind them in their buying—if the chemist overbuys, Simpson's will readily exchange a surplus for more seasonable goods.

These things could not be apparent to chemists in five minutes. Goodwill cannot be rushed. It has to grow. The present management of J. W. Simpson (Chemist), Ltd. have persistently and consistently sought to encourage its growth. Your goodwill is sought. It is valued and will continue to be deserved.

Men you know.—In every part of the country there is a Simpson traveller, a man of integrity whom you know as a trusted friend. He has never let you down, and he will not do so now. His instructions are that you must be satisfied. Here are the names of all Simpson's representatives together with the territories they cover.

Scotland Mr. E. A. Rogers
Northern Counties Mr. T. W. Miller
Yorkshire, Lancashire, Cheshire & N. Wales Mr. A. J. Rae
East Midlands and Eastern Counties Mr. P. J. Ball
West Midlands Mr. T. J. Dare

South Wales and South West Peninsular Mr. R. H. Greenwood, M.P.S.

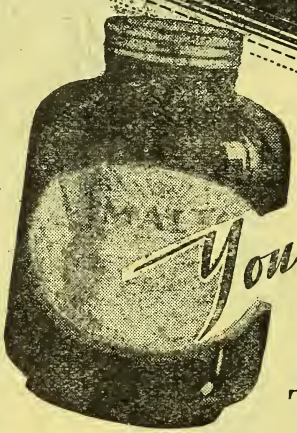
London and South Eastern Counties Mr. H. W. Palmer

Northern Ireland Mr. A. W. C. Shaw

ANNOUNCEMENT BY J. W. SIMPSON (CHEMIST) LTD.
IODINE HOUSE, MUSEUM STREET, LONDON, W.C.1

VIMALTOL

A DELICIOUS, CONCENTRATED, ECONOMICAL VITAMIN FOOD



You will be asked for this Vitamin Food!

THE special advantages of 'Vimaltol'—a concentrated vitamin food—are now being widely advertised to the public.

The consequent demand for 'Vimaltol,' coupled with its intrinsic merit and economy in use, offers the pharmacist an excellent opportunity for additional profitable sales throughout the winter.

This concentrated and economical vitamin food has a delightfully sweet orange flavour which all children love. In fact, 'Vimaltol' is as nice as the nicest jam.

The vitamins in 'Vimaltol' are supplied from specially prepared Malt Extract and Yeast, which is one of the richest natural sources of vitamin "B," together with Halibut Liver Oil fortified with additional vitamins.

Pharmacists can take the utmost advantage of this sales opportunity by looking to their stocks now and displaying 'Vimaltol' prominently.

On the P.A.T.A.

Wholesale prices:
1-lb. Jars, **24/-**
2-lb. Jars, **43/-**
Exempt from Purchase Tax

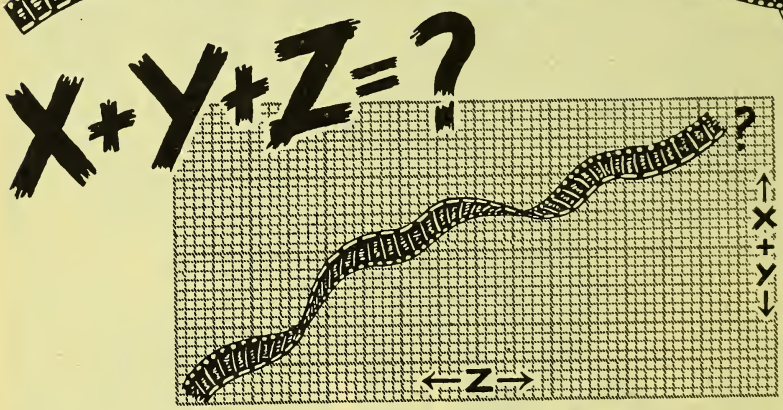
Retail prices:
1-lb. Jars, **2/10**
2-lb. Jars, **5/2**

For further details write to:
A. WANDER LTD.,
184 Queen's Gate,
London, S.W.7

Collosol Iodine Crookes'

Collosol Iodine may be administered by the oral, subcutaneous or intravenous route without danger of toxic manifestations or of iodism. It has produced marked results in the treatment of rheumatism, actinomycosis, enlarged glands and goitre, the pneumonias, iodine deficiency, venereal disease, etc., and has a wide application in gynaecology.

CROOKES LABORATORIES (*British Colloids Ltd.*) PARK ROYAL, LONDON, N.W.10



Let X = the proved effectiveness of 'BiSoDoL' in relieving Indigestion and other stomach disorders.
Y = the extensive 1943 film advertising campaign for the product.
Z = the increase in digestive troubles due to your customers' longer working hours, war-time strain, hurried meals, altered diet, etc.
? = YOUR share of the resultant INCREASING sales of 'BiSoDoL.'

A mixture—and reminder—of our schooldays' algebra and graphs, maybe, but nevertheless . . .

The Equation Result is Important to YOU!

The 'BiSoDoL' 5½-minute film 'THERE BY — !'—first exhibited late in 1942—was quickly recognised by chemists and publicity experts alike as a really outstanding advertising film. Many wrote and told us so. From January to October, 1943, 'THERE BY — !' will be shown (in most cases, thrice daily for 6 days) in 672 cinemas throughout England, Scotland, Wales and N. Ireland—and will be seen by at least . . .

7½ MILLION CINEMA - GOERS

SLIDES will also be shown in these cinemas for the 4 weeks following the film. The value of this LOCAL advertising support to chemists is obvious. Equally obvious is the need for 'point of sale' displays of 'BiSoDoL' DURING and following the film-showing IN YOUR DISTRICT, in order to get your full share of the increasing local sales of 'BiSoDoL' which will result. Are you stocked—and will you co-operate with us? Ask our Representatives—or write us—as to when the film will be shown in YOUR locality.

★ **SHOW CARDS**

A limited number of 'BiSoDoL' showcards is available ***If you have insufficient on hand.*** *If you need display material, please send us a postcard—or ask our Representatives.*

BiSoDoL
(REGD.)

Sole Distributors: KOLYNOS (Sales) LTD., 12, CHENIES STREET, W.C.1

FOR RELIEVING

PAIN

SECOND ONLY TO MORPHINE IN EFFICIENCY BUT WITHOUT MORPHINE'S DISADVANTAGES

VERAMON is invaluable in the treatment of pain of all kinds, no matter what the cause. Within half an hour it produces analgesia lasting from 4-6 hours.

VERAMON does not affect the heart, the respiratory, renal or alimentary systems; is free from hypnotic action and need not interfere with the normal occupation of the patient. It does not lead to habituation.

PACKINGS: *Tubes of 10 tablets of 6 grains. Bottles of 100, 250 and 500 tablets. Powder in bottles of 1 oz.*

VERAMON

'Veramon' is the registered name which distinguishes Barbitone-amidopyrine compound of British Schering manufacture.

LITERATURE GLADLY SENT ON REQUEST

BRITISH SCHERING

BRITISH SCHERING LIMITED
85-190, HIGH HOLBORN LONDON W.C.1

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MMUNITY FROM COLDS

owing Medical and Public Demand for SEROCALCIN

HELP US TO HELP YOU BY ORDERING EARLY

Experience indicates that SEROCALCIN is effective in 80 per cent. of cases in the prophylaxis and treatment of colds. It is not surprising, therefore, that the demand is increasing faster than the supply. The national importance of SEROCALCIN at the present time makes it specially desirable to ensure equitable distribution. Please co-operate with us by placing your orders EARLY.

HARWOODS
ORATORIES, LTD.
FORD · HERTS

SEROCALCIN

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ANASCABEX

New treatment for Scabies, Pediculosis, etc.

ANASCABEX* is a new product which presents dipentamethylene-thiuram-monosulphide in a non-irritant and pleasantly perfumed liquid cream. It is a non-greasy preparation which is simple to apply and which offers many advantages over earlier forms of treatment for scabies, eczema, pediculosis, etc.

* *Regd. Trade Mark*

Bottles of 4 oz., **3/6.** Hospital size—Tins of 1 gallon

Inquiries invited from Pharmacists, Hospitals, Institutions, etc.

WATFORD CHEMICAL CO. LTD.

London Sales Office

50 South Audley Street, Grosvenor Square, W.1

Telephone: Grosvenor 1016

'ASK YOUR CHEMIST...'

IN our press advertisements we advise women to ask their chemist for a copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us today for a supply of our latest Chemist Display Aid?

Rendells PRODUCTS

FOR FEMININE HYGIENE

RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON, E.C.1

Registered Trade Mark

Established 1839

SPECIALISTS
in the manufacture of
PILLS and
TABLETS

Manufacturing Chemists for 104 years

ARTHUR H. COX & Co. LIMITED
BRIGHTON

NATURAL VITAMIN C

Black Curran
Puree

FOR CHILDREN & INVALI

A good supply of Chivers Black Cur
Puree is now available for sale thro
Pharmacists, for the use of children, inva
and others in need of Vitamin C.

Chivers Black Currant Puree is made s
from fresh black currants, finely sieved
mixed with sugar. **It is one of the ric**
sources of natural Vitamin C, and
tains not less than 24 mg. ascorbic
per fluid ounce (**70 mg. per 100 g.**).
Currant Puree is well tolerated even by
very young.

In 9 oz. tins—retail price 1/1d.

Supplies obtainable through your usual wholesaler. Further information on application to:—

CHIVERS & SONS LTD.
·HISTON·
CAMBRIDGE

NOW . . . On Every Woman's Lips

THE SUPERFINE COSMETICS FOR WHICH WOMAN HAS BEEN WAITING

National advertising for Jean Claude Beauty Aids is now well under way. Guaranteed insertions to cover a period of 12 months have been taken in most of the Nationals and in a number of Provincials, leading Women's papers and the better class magazines.

Limited stocks of Jean Claude Beauty Aids are now available to Chemists, Hairdressers, Beauty Specialists, Retailers, etc. Orders dealt with in strict rotation. Usual trade terms.

District Representatives:—

Cosmetic Distributors Ltd., 124 Imperial House, 80 Regent Street, London, W.1.

A. Fox, 79a Hoghton Street, Southport, Lancs.

G. Clifton Bingham, Ltd., 100 Eastern St., High Wycombe, Bucks.

E PERFECTION OF REFINEMENT & ELEGANCE

The liveliest line in SOAP SHAMPOO

SHEPHERD'S SUPERFOAM
is mucn more than an ordinary Toilet Soft Soap, it is a highly scientific preparation, which gives the finest possible shampoo.

1. **Exceptionally pure and transparent —contains natural vegetable oils, which feed and nourish.**
2. **A luxuriant shampoo—it makes the hair beautifully soft and attractive.**
3. **Gives immediate abundant lather, beneficial to the hair.**
4. **Special ingredient makes a separate rinse unnecessary.**
5. **Improved quality—even better than pre-war.**
6. **Its natural oil base makes it a cleansing and refreshing shampoo for children's hair.**
7. **The finest, most economical shampoo—each 6 oz. will give 10 shampoos.**

Order supplies from your usual wholesaler, and display it for quick and profitable sales—it's a certain repeat line.

★ SHEPHERD'S
SUPERFOAM
SOAP SHAMPOO
Now only available in 7 lb. containers

Retail Price 7½d. per 6 oz.

★ *Directional labels supplied*

SHEPHERD'S
THE HOUSEHOLD WORD

Manufacturers : W. S. SHEPHERD LTD., CASSLAND WORKS, BRAMSHAW ROAD, LONDON, E.9

EUCRYL DENTIFRICES

BOUGHT ON DISPLAY TERMS YIELD PROFIT ON :—

SELLING PRICE	BUYING PRIC
39%	**63·6%**

Eucryl Tooth Paste has an increasing Sale.

EUCRYL LTD.
SOUTHAMPTON

Du-Vallé

PRODUCTS AND OTHER PREPARATIONS

FACE POWDER—2 oz. box, **14/** per doz. plus P.T.

TALCUM POWDER—6½ oz. container, **12/9** per doz. plus P.T.

CHEMIST SUNDRIES:

LATEX TRANSPARENT BOTTLE TEATS (each cellophane bag, packed 2 gross boxes). **24/-** per gross

IMEXTRADE LIMITED

Importers, Exporters, General Traders
COSMETICS & CHEM. SUNDRIES DEPT.:
150 Regent St., W.1

Telephones: Regent 4207; 4454
Telegrams: Imextrade, Piccy, London

AGAIN AVAILABLE IN 2 STRENGTHS

meet an insistent public demand we again offering Hydrogen Peroxide two alternative concentrations — 10 s. and 20 vols.

Both strengths will be available in tles containing 4 fluid ounces, for at the retail price of 9d. (including chase tax) so that every customer have the strength he prefers.

ou are invited to place your orders early delivery of these new packs of ofitable, quick selling line. Supplies limited.

IMUM ORDER

regret that we can- upply quantities of than 3 dozen of r the 10 vol. or ol. strength.

RETAIL PRICE 9D EITHER STRENGTH

ANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDLESEX.
aling 6616 *Wires: Macleans, Brentford.*

'SUPER SHAVE' for Super Sales

and for the perfect BRUSHLESS shave with after-shaving freshness!

Your customers will soon be asking for this aristocrat of brushless shaving creams. Are you ready to meet the inevitable demand now being created by powerful national advertising for SUPER SHAVE?

Retailing at 1/10d. for a jar lasting 4 months, SUPER SHAVE represents SUPER VALUE plus QUALITY that merits your confident recommendation. Stock up NOW for steady satisfactory sales.

BRUSHLESS
SUPER SHAVE
SOAPLESS

RETAILS AT
1/10 Extra Large JAR
Trade 12/- doz. plus Pur.Tax

Send your Orders NOW to:—
LONDON PHARMACEUTICAL LABORATORIES LTD., 37 BEDFORD SQUARE, LONDON, W.C.

ZEAL

Clinicals

The Choice of Experts

BRITISH MADE

NO HIGHER IN PRICE THAN NONDESCRIPT MAKES

Also Household, Bath and Works Thermometers, the best of their kind

G.H. ZEAL LTD.
LOMBARD RD., MORDEN RD., LONDON, S.W.19
Phone : Liberty 2283-4-5

Quality **still in DEMAND**

The growing public demand for SOFTEX Toile Tissues proves that there is a widespread appre ciation of a *quality* toilet roll.

Attractively packed, SOFTEX sells on sight at 1/ per roll (controlled price).

Supplied through usual channels.

British made from British paper by

SWAN MILL PAPER CO. LTD
92 REGENT STREET, LONDON, W

A Swan Product

Telephone REGENT 0422

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS

Richard Daniel & Son LTD. Derby.

SINCE 1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PRORIETARY AND OWN FORMULA PILLS AND TABLETS

We invite enquiries from Wholesalers and Exporters for all classes of Pharmaceutical Preparations in bulk or packed

RICHARD DANIEL & SON, LTD, DERBY.

TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY.

"ANGLIAN" ® "NORVEX"

SURGICAL DRESSINGS SANITARY TOWELS

Write CROSSKILLS' of NORWICH PHONE 20954

EXTENSIVE STOCKS :: PROMPT SERVICE

MILLAMALT The VITAMIN MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D.

Sole Manufacturers, JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road N.19

We manufacture every variety of —

COMPRESSED TABLETS

for the Manufacturing & Wholesale Drug Trade.

WE CAN GIVE DELIVERIES ON TIME AND INVITE ENQUIRIES

The DALES ASPIRIN CO.
SILSDEN, Nr. KEIGHLEY, YORKS

Reply to an urgent question

It is important that the public should know what are the essentials of a good eye lotion. Therefore, although Optrex is, unfortunately, in short supply, we have thought it right that we should say just why it is a good eye lotion. This we are doing in advertisements which are appearing in the Press now.

Optrex Ltd., Wadsworth Road, Perivale, Middx.

WHAT IS A GOOD EYE LOTION?

First of all it is a *Lotion*—that is, a LIQUID medicinal preparation.
Secondly, it is a Lotion which is approved by oculists, doctors and opticians and others.
Thirdly, it is a Lotion which is prepared, not in the factory, not even in the home, but in the completely aseptic conditions of the laboratory.
Fourthly, it is a Lotion that is *kind to the eye*—like its own natural fluid.
Fifthly, it is a Lotion that can safely be used for all eyes of all ages, at all times, whatever their state of health or sickness.
Sixthly, it is a Lotion that your eyes can go on using, however frequently or copiously it is applied.

Six good reasons for using

OPTREX

BRAND

Texacleen

CLEANSING FOAM

For Delicate Fabrics of every kind

Miss Chic

is starting now to create even bigger sales with a strong Advertising Campaign in the National Press and Provincial Newspapers

STOCK AND SHOW 'TEXACLEEN'

Terms from Local Wholesalers, or Sole Distributors

LOEWENSTEIN & HECHT, LTD., 69 New Oxford St., W.1

Hot Spot

SOLID FUEL TABLETS

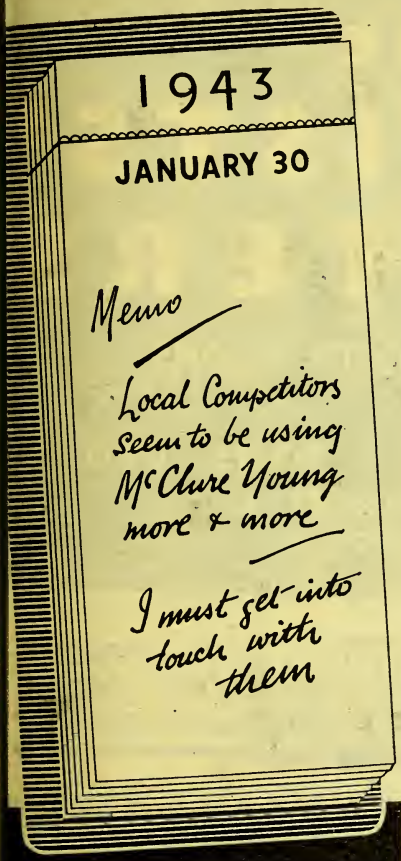
Hot Spot, non-poisonous solid fuel tablets, should be in every home, air-raid shelter, A.R.P. and first aid post, workshop, canteen and camp.

For use in any spirit stove, curling tongs, Cona and Perculator · Pre-heats primus stoves and blowlamps · Can be used to sterilise surgical instruments and heating tins · Ideal for any emergency · No smell, no smoke, no waste.

Retail Price 1/- per box of **12 tablets.** Trade Price 8/- per **12 boxes.** Showcard on request with orders for 1 Gross boxes

From your Wholesaler *Sole Distributors:*
TECHNICS LTD., 329 High Holborn
London, W.C.1
CHA 8997

1/-
Per Box of 12 Tablets
NO SMOKE NO SMELL



THE PREMIER

PACKED DRUG HOUSE

of course!

McCLURE, YOUNG

& CO. LTD.

MANUFACTURING CHEMISTS

159 BOLLO BRIDGE ROAD, SOUTH ACTON, LONDON, W.3

TELEPHONES ACO 1517 0350 2364

MIDLAND BANK

LIMITED

Chairman:
THE RIGHT HON. R. McKENNA

Deputy Chairman:
S. CHRISTOPHERSON

Chief General Manager:
HERBERT A. ASTBURY

Statement of Accounts

December 31, 1942

LIABILITIES	£
Capital paid up... ...	15,158,621
Reserve Fund	12,910,609
Current, Deposit and other Accounts	760,094,994
Acceptances and Confirmed Credits ...	2,905,299
Engagements	10,299,882

ASSETS	
Coin, Notes and Balances with Bank of England...	80,592,217
Balances with, and Cheques on other Banks	33,251,334
Money at Call and Short Notice	25,758,153
Bills Discounted (Treasury Bills £32,815,922) ...	34,696,054
Treasury Deposit Receipts	201,000,000
Investments	235,221,988
Advances & other Accounts	159,436,077
Liabilities of Customers for Acceptances, etc ...	13,205,181
Bank Premises	8,844,446
Shares in Yorkshire Penny Bank Ltd.	937,500
Shares in Affiliations: Belfast Banking Co. Ltd. The Clydesdale Bank Ltd. North of Scotland Bank Ltd. ... ... Midland Bank Executor and Trustee Co. Ltd....	8,426,455

HEAD OFFICE:

POULTRY, LONDON, E.C. 2

THE CHEMISTS' PRINTERS

FOR OVER SIXTY YEARS

THOMAS WAIDE & SONS, LTD.
KIRKSTALL HILL
LEEDS

The PERFECT air-tight closure for all containers

'TRANSOTAPE'
CELLULOSE SELF-ADHESIVE TAPE
Samples & Prices from
JOHN GOSHERON & CO. LTD. Gayford Rd. LONDON W12

It's AIRPROOF DAMP-PROOF and GERMPROOF

ORDERS and INDENTS invited from
DOMINION, COLONIAL and ALLIED IMPORTERS
W. H. JONES & CO. (LONDON) Ltd.
BUYERS and SHIPPERS
War-time Address:
RUSPER, BARNET, HERTS, ENGLAND

GLASSBLOWIN
OF EVERY DESCRIPTION
MEDICAL, SURGICAL AND LABORAT
BENCH BLOWN GLASSWARE
G. C. AIMER & CO. 56-8 ROCHESTER
CAMDEN RD.,
GUL. 3618

GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

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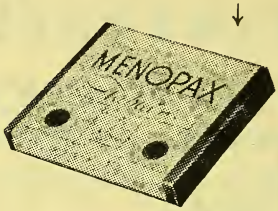

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NEWS OF THE WEEK

e of Man Seaweed.—A proposition has put to the commissioners of Castle-, Isle of Man, for the erection of a plant hydrate and grind seaweed.

otographic and Razor-blade Quotas.—Board of Trade has announced the s for a variety of goods controlled the Limitation of Supplies (Miscel-us) Order for the six months February y. Among them are razors and safety-blades (cutlery quota of 10 per cent. azor-blade factor of 2/5 unchanged), notographic goods (again 10 per cent.).

ding Company's Unemployment Plan. 32-pp. booklet entitled "The Pro- of Unemployment" was published on ry 22 by Lever Brothers & Unilever, London, "as a contribution to the t discussion on the practical applica- of the economic covenants of the ic Charter." The treatise deals with possibilities of controlling the trade cycle and its international aspects and discusses the rôles of the Government and of private enterprise.

Withdrawal of Authorities.—The Home Secretary has withdrawn from Andrew Beattie, chemist and druggist (recently in business at 49 The Green, Aberdeen), his authority to be in possession of and to supply drugs under the Raw Opium and Dangerous Drugs Regulations, 1937.—James Davidson, M.B., Ch.B., 31 Streatham Vale, London, S.W.16, was on January 15 deprived of his authority under the Regulations.

Women Pharmacists' "At Home."—The National Association of Women Pharmacists held its annual social event at 17 Bloomsbury Square, London, W.C.1, on January 17. It took the form of an "At Home." Members were welcomed by the president, and later a short talk, illustrated

by lantern slides, was given by Mr. L. G. Matthews, Ph.C., on "Saints connected with Pharmacy." MISS ANDERSON proposed and MRS. PRATT seconded a vote of thanks to Mr. Matthews.

Co-operative Pharmacies' Man-power Protest.—Strong protest against the way pharmaceutical man-power is being handled was made at a recent meeting of pharmacists employed by the five London co-operative societies. The matter is to be taken up with the Ministry of Labour by the Shop Assistants' Union and the National Union of Distributive and Allied Workers.

Inquests.—At Hammersmith, London, W., recently, a "suicide" verdict was recorded in the case of David Edward Ball, whose death was due to having swallowed a quantity of potassium cyanide.—A verdict of "death by misadventure" was returned when an inquiry was held into the circumstances attending the death of a sixteen months' old boy, of Rugby, who drank a quantity of dilute sulphuric acid during a holiday in Birmingham.

London Employee Pharmacists.—A joint meeting of pharmacist members of the Association of Pharmaceutical Employees and the National Union of Distributive and Allied Workers was held in London on January 17. Messrs. J. Gilmour (national organiser, N.U.D.A.W.) and W. S. Benjamin (joint secretary, London division, A.P.E.) opened a lively discussion. Both speakers emphasised the rôle of the employed pharmacist in present-day pharmacy and his important contribution, like that of other workers, to the national effort. The conference unanimously adopted the following resolution:—"This conference of London pharmacist members of the A.P.E. and the N.U.D.A.W. declares that war-time conditions and the post-war planning of pharmacy make it imperative that there should be on the Council of the Pharmaceutical Society and on all pharmaceutical consultative, advisory, planning and war committees an adequate number of accredited representatives of employee organisations. The conference demands, as the necessary first step, that the Pharmaceutical Council shall be immediately strengthened by adequate employee representation, and therefore calls for: (*a*) the co-option by the Council of accredited representatives of organised employee-pharmacists; (*b*) resumption of the annual Council election, as from this year. The meeting pledged support to such duly accredited employee candidates as may be nominated for Council election.

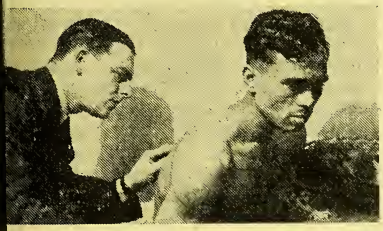
Eire Fertiliser Prices.—The Eire Minis of Supplies has made an Order fixing maximum retail price of 30 per cent. su phosphate at £13 per ton and of r compound fertiliser at £14 per ton. Th prices are at less than economic rates, be supplemented by Government payment

Perth Pharmacists' Jubilee.—In reco tion of their having completed fifty y in business, Perth Pharmacists' Associa entertained two local chemists (Messrs. J McDonald, J.P., M.P.S., and J. C. Sn M.P.S.) at the Station Hotel, Perth, January 20. Mr. McDonald, a past-presi of the Association, recently retired f active business. He had previously b proprietor of the pharmacy of P. Str 154 High Street, and was a membe Perth Town Council for some years, serving as a magistrate. Mr. Smail is a past-president of the Association. qualified in 1893 and is still in busi his interest in pharmaceutical affairs i way diminished. The toast to Mr. McD was proposed by Mr. W. Fulton, and to Mr. Smail by Mr. N. Lindsay. Visitors" was proposed by Provost I Davidson, Coupar Angus, and "His jesty's Forces" by Mr. Graham Mitche

Chemists' Friendly Society.—The b of directors of the society, acting u the powers given by Emergency lation, have dispensed with the ho of the annual meeting that would nor have been held in January. The ar report, recently issued, states that the summary and administration accoun the years ended December 31, 1940, December 31, 1941, have been exa and certified by H.M. Treasury Au Expenditure on sickness, disablement maternity benefits for the year e December 31, 1940, was £3,087; in the corresponding figure was £2,797 dental, ophthalmic, surgical and ho benefits, the total expenditure for 194 £855, and for 1941, £814. Invested fu the Society amounted to £43,638, no at December 31, 1941. The 1941 Na Health Insurance Contributory Pe and Workman's Compensation Act, raised the remuneration limit for co sory insurance of non-manual work £420, resulted in a substantial incre membership. The directors raised grant for ophthalmic benefit on Janu to 25s. per optical appliance (inc sight-testing fee).

THE WATCH FOR TYPHUS

ase of typhus is discovered at a port the typhus squad—doctors, nurses, sanitary inspectors, ambulance isinfestation men—go into action. They wear an all-over suit of calico, zipped at the back and covering nose and mouth. Thick rubber boots and gloves complete the outfit.



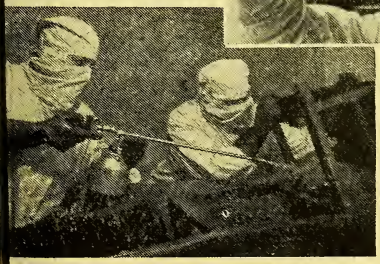
The doctor makes sure.

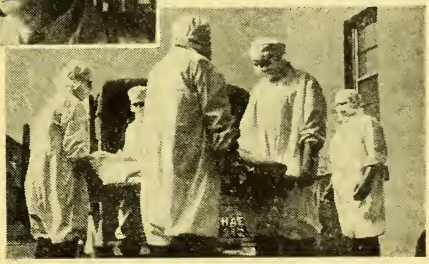
At work in infected es.

: A bacteriologist ex- blood serum from sus- cases.

Above: The crew line up for inspection.

Below: If typhus were suspected the patient would be taken immediately to an isolation hospital.





TOPICAL REFLECTIONS

Purchase Tax on Medicines

The statement of the Council of the Proprietary Articles Trade Association concerning the effect of the purchase tax on small consignments of medicines (p. 87) is justified. It appears that however small the quantity, and however urgent the need, for a medicine, the tax is chargeable on carriage, insurance and any other incidental expense. The effect of this ruling is that the actual cost of a medicament may be less than the supplementary charges incurred in ordering and receiving it. It was hardly to be expected that the Commissioners of Customs and Excise, whose function is primarily to collect revenue, should "support" any proposals for amelioration put forward by the Council. All medicaments should, in my view, be exempt from the general incidence of the tax: to be granted the consideration of the Commissioners, as a favour in special cases, is not an adequate solution of the difficulty. The second question raised by the Council, the position of traders whose quotas have been compulsorily reduced, is of a different nature. Hardship will obviously occur in many instances by reason of the high rate of carriage in proportion to quantity delivered; but here, I think, a carefully graduated scale would meet the case. It will be of interest to see what action, if any, is taken by the authorities.

Allergy Reviewed

If the brilliant researches of Dr. Maunsell, an abstract of which you have given on pp. 93–94, stand the test of experience, a great advance in the treatment of allergic conditions will have been consolidated. I have formed the impression that in the United States, with its vast population and extensive range of climate, more work has been done on this subject than in this country. However that may be, investigators have hitherto been faced with a stiff problem because of the variety of sensitising agents occurring in nature. Pollens alone have been divided into three classes according to their origin—from trees in spring, from grasses in midsummer, and from certain of the Compositæ and other genera in late summer. Many other suspected substances have also been catalogued and classified, with the result that multiple protein tests and remedies have been devised and lengthy courses of desensitisation have become usual. Anyone who has entered this field, either as prescriber o patient, knows that the difficulty of fi the exact cause of pollinosis or any o complaint to be treated on these line sometimes formidable. The outstan feature of Dr. Maunsell's researches is she has at a stroke rendered all this c plication obsolete, or at any rate o lescent, by her conclusion that the ke cure in this type of ailment is quantita rather than qualitative. In thus summa ing an article of captivating interest I t I am not falling into the error of o simplification. Your readers will no d study the author's technique and find for themselves. Hitherto a great drawb to a course of desensitisation by inject has been its tedium: that objection se to be well on the way to removal.

Putting the Clock Back

The wiseacres who decided that me practitioners attending Southport P Assistance patients are to be paid 4s. per caput per quarter, the fee to include supply of medicines (p. 78), had, presu bly, the guidance of some estimate estimates in arriving at their decision. to the ordinary observer the arranger has the appearance of a gamble. If not a return to the pre-1911 system of practice, what is it? Surely it canno pleaded that Public Assistance pati are in less need of the amenities of me attention than other classes of the c munity. Otherwise we may presently ourselves back in the days of "Rattle bones over the stones, He's only a pa whom nobody owns." Pharmacists and no doubt do, take a disinterested of this incident; for the most they cou all probability expect would be contract dispensing at the not very princely rat the National Health Insurance system will, however, be recalled that the Chemists made a stand for better re neration when, having been asked undertake the Public Assistance disper at N.H.I. rates (*C. & D.*, 1942. I. 2), pointed out that remuneration for N. dispensing "has long since been in quate." It is to be noted that at least t local criticisms of the Southport schem reported in the news paragraph referre It may be hoped the scheme will ha short life. Not the actual fee selected, the retrograde principle, is to be rega as the main evil.

Xrays

SUPERVISION OF A POISONS SALE

DECISION of importance to pharmacists s given on January 25 by the King's nch Divisional Court, consisting of the rd Chief Justice (Lord Caldecote) and stices Humphreys and Tucker. They owed an appeal by Mr. W. R. Roberts, inspector acting for the Pharmaceutical ciety of Great Britain, against a decision the Barnsley justices on April 30, 1942 & *D.*, 1942, I, 535), dismissing a mmons against Littlewood's Mail Order ores, Ltd., under Section 18 (*1a* iii) of the armacy and Poisons Act, 1933. The local nch had held that, when Mr. Roberts rchased from a young girl at Messrs. tlewood's open store at Barnsley, a tle of compound syrup of hypophosphites ntaining a small percentage of strychnine) l a package of vegetable laxative pills ntaining hyoscyamine in a small pro- tion), there had been no offence against Section, which requires that a sale be fected by, or under the supervision of, a istered pharmacist." Mr. P. S. Glover, registered pharmacist in charge of the partment, was in the stock room upstairs the time of the sale, and was sent for on application of Mr. Roberts.

se for the Society

Mr. G. R. Blanco White, K.C. (for the rmaceutical Society), now submitted t a man could not be supervising a sale en not only was he not present, but knew thing about it. He might just as well ve been out playing golf. Any one foolish ugh to swallow at once the whole of the dicine or take all the tablets sold to Roberts would have suffered severely, they would then have taken more than ordinarily permitted maximum dose strychnine and hyoscyamine, both of ich were included in the Poisons List. e preparations containing the poisons re standard medicines.

Counsel said he did not suggest that the tion required that the registered phar- cist must be present at the sale if he ld get knowledge of it in some other y, but by some means or other, if he re to supervise the transaction, he must ow about it. The object of the Section s to secure that preparations containing son should not be sold to unsuitable ple without the knowledge of a respon- e person. Whatever be the meaning of word "supervision" it must be the same ether the poison was strong or weak.

Contrasting the Act of 1933 with that of 1868, Mr. Blanco White submitted that it was not the intention of the later Act so to relax the law that a person could be said to be "supervising" a sale when he had absolutely no knowledge of it—when a person came in from the street, bought a preparation, and went out again, upon the facts of the present case there was no evidence upon which it could be said that the sale to Mr. Roberts was in any way effected under the supervision of the gentleman upstairs, and he submitted that the justices' decision was wrong.

Under Two Acts

In reply, on behalf of Messrs. Littlewood's, Mr. F. A. Sellers, K.C., submitted that it was entirely a question of fact for the justices, who had clearly stated their finding. There was nothing in the case inconsistent with Mr. Glover being consulted in the event of any question arising whether a medicine was suitable in a particular case. "Supervision" did not mean that everything had to be done by the registered pharmacist. It meant that he had to make arrangements for things to be done properly, and it was for the prosecution to establish that that was not done. He submitted that the words in the 1933 Act had a wider interpretation than those in the Act of 1868 so far as the meaning of "supervision" was concerned, and no doubt the Act was framed with a view to the way in which modern businesses were carried on.

Mr. Sellers submitted that, if the Society's suggested definition of "supervision" were adopted every assistant in a busy pharmacy would have to be a registered pharmacist, or a registered pharmacist would have to supervise every sale personally.

Judgment for the Society

Giving judgment, Lord Caldecote said the object of the Act was to provide for the safety of the public, and he approached the question in the same way as he would if, instead of relating to the sales concerned, it had related to the sale of a bottle of neat strychnine or other poison. Section 18 was not dealing with the conduct of a business—that was provided for under Section 9, which laid down the qualifications of a person who was in control as superintendent of a corporate body's business, and required that it be carried on

under the "personal control" of a manager or assistant who was a registered pharmacist. There was all the difference in the world between saying that a business must be carried on under the management or personal control of a manager who must be a registered pharmacist and saying that a sale must "be effected by, or under the supervision of, a registered pharmacist." The contention had been urged upon the Court that on the facts there was no real distinction between the words "personal control" and "supervision."

It was quite possible, in his judgment, Lord Caldecote continued, that a man who was upstairs might be exercising personal control of a business, but he did not think that, while upstairs, he was a person who was supervising a particular sale. The words of the Section required that each particular sale should be effected by a registered pharmacist. He did not accept the contention that a man could supervise a sale without being physically present unless some further facts were proved than were present in the case before them. It was conceivable that with the mechanical assistance of a telephone or something of that sort a person might supervise something although he was not on the spot. But in the present case the only person vouched for as supervising the particular sale was in the stock room upstairs, and only appeared when he was asked for.

Giving to the language of the Section the interpretation which he thought was the right one, his Lordship held that there was a complete lack of evidence that the sales concerned were "effected under the supervision of a registered pharmacist."

The question raised a point of law—it was not merely a question of fact—and if the justices had not given what he thought was a wrong interpretation of the words of the Section they would not have arrived at their decision.

It was overstraining the words "under the supervision of a registered pharmacist" to say that that could be satisfied by the presence of a registered pharmacist in another part of the building unless there was some evidence to show that by some mechanical means he was able to give detailed supervision to what was going on at the counter.

Justices Humphreys and Tucker agreed; the appeal was allowed, with costs.

The case was sent back to the justices with a direction that the offence had been proved to have been committed.

COMPANY NEWS

National Chemical Industries, Ltd (P.C.).—Registered in Dublin. Capi £20,000. Wholesale or retail manufactur of and dealers in medicinal, pharmaceuti and dental preparations, etc. Directors r named.

C. Beckwith, Ltd. (P.C.).—Capi £1,500. To acquire the business of chemist and druggist carried on as Wa & Co., at 114 Church Road, Hove, Susse Christopher Beckwith, M.P.S., B. L. Bra ford, William G. Lord, and Christopher Beckwith, M.P.S., directors.

Ascotts Pharmacies (1933), Ltd.—N Samuel Smith, M.P.S., has been appoint to the position of managing director succession to the late Mr. John Parker.

To be Struck Off Register.—"T London Gazette," January 19, notifies th Cosmetic Research Laboratories, Ltd., a Kingsgate Pharmacy, Ltd., are amo companies to be struck off the Register Companies at the expiration of three mon unless cause is shown to the contrary.

Voluntary Winding-up.—A meeti of the company, held on December 31, 19 resolved that I.C.I. (Salt), Ltd., should voluntarily wound up. Mr. E. C. Wic was appointed liquidator.

Bankruptcy Discharge Application Moses Fagot, M.P.S., lately trading 707 Finchley Road, London, N.W., un the style of Phago Pharmaceuticals. A sitting of the London Bankruptcy Cou held on January 21, when an order discharge was applied for, the Assista Official Receiver reported that the applica had failed in October 1942, with liabilit amounting to £902 and assets which h realised £11. He qualified in 1932, and v in employment until August 1940, when arranged to purchase for £1,157 his o business and entered into possession of "Exasperated at the delay in making t purchase payments, and at what considered as prevarications on the p of the bankrupt, the vendor, in Decem 1942, forcibly evicted the bankrupt a his wife from the premises." Litigati followed, and in October 1941 judgme was given in favour of the vendor. T bankrupt was ordered to pay £214 cos The latter thereupon filed his petiti and again entered into employme The Court made an order of dischar subject to a suspension of six months.

TRADE NOTES

arriage-paid Terms.—Parke, Davis & Beak Street, Regent Street, London, , inform dealers that carriage is now l only on orders to the value of £5 net, ver, excluding purchase tax. Carriage ns for Eire are unchanged.

ew Stain-remover.—The Little Chap n remover, which is now the subject of ertising on a national scale, is claimed emove stains and smears of grease, oil, t and tar without trace and without dis- ration or harm to delicate fabrics. The le Chap cleaner is non-inflammable and -irritating. It is offered in containers wo sizes by London Pharmaceutical oratories, Ltd., 37 Bedford Square, don, W.C.1.

asonable Specialities.—A special sea- l parcel of Pineoleum brand prepara- s is available as a short-term offer ct from the agents against *pro forma* ice by the CHESEBROUGH MFG. CO., LTD., oria Road, Willesden, London, N.W.10. he demand for Besorbon medicinal snuff ases during the winter, and an attrac- counter display box is sent with orders one doz. placed with registered whole- s. The makers are KEMSALES, LTD., Eastcheap, London, E.C.—KATHLEEN RT (ENGLAND), LTD., through their dis- tors, Sun Island Chemicals, Ltd., By- s, St. George's Hill, Weybridge, Surrey, ffering three new medicinal preparations. e are Ekner tonic pick-me-up tablets, nething quick" for headaches, nervy s, and even "hangovers"; Dex anti- modic and adsorbent antacid; and n (pronounced ay-gon), for asthma, fever, bronchial ills, smoker's cough, All three products are being adver- . Trade terms are given on another .

C. & D." Diary & Year Book, 1943.— attention of subscribers is called to following amendments to the Purchase Guide (p. 365): Hair grips (Class 1): 33⅓ per cent.; hair nets (Class 1): 33⅓ per cent.; eyeshades (Class 16): nil.—The following corrections should oted:—In the index to addresses the esses, telephone numbers and tele- hic addresses of the Addressing Co., and Adeps Lanæ, Ltd., should be posed, that of the first company to Lower Sydenham, London, S.E.26. nham 6060. Aerography, London, and of Adeps Lanæ, Ltd., to read 2 Chellow Street, Manchester Road, Bradford. Bradford 3670. Greref, Bradford. Also in the index to addresses the telephone number of John Kellys (London), Ltd., 27 Old Broad Street, London, E.C.2, should be Kelvin 6186, and not as stated; in the telegraphic address the word "inland" is superfluous. Sodium tauroglycholate in the advertisement of Ward, Blenkinsop & Co., Brooklands, Halewood, Liverpool (p. 511), should have the letters B.P.C. appended. Sodium dehydroxycholate should be altered to sodium dehydrocholate.

Again Available.—CONTINENTAL LABORATORIES, LTD., Brunel Road, Acton, London, W.3, makers of Godoforme Botol tablets, which have been in short supply for the past eighteen months, advise chemists that the speciality is again available in packings of twenty and 250 tablets. If any difficulty is experienced in obtaining supplies through the normal trade channels, direct communications with the makers is invited.—CRANBUX, LTD., Norwich, state that they are once again in production and that supplies of the following Odol specialities are now available: tooth-paste; tooth-powder; solid dentifrice; and denture powder. Odol mouthwash is not available at present.—To meet public demand, MACLEANS, LTD., Great West Road, Brentford, Middlesex, are again offering hydrogen peroxide in the alternative concentrations of ten and twenty volumes. Both strengths are available in bottles containing 4 fl. oz. The minimum order is 3 doz. either strength.

Business Changes

MR. SAMUEL HILL, M.P.S., has taken over the business of the late Mr. Daniel Baillie, M.P.S., 330 Brandon Street, Motherwell.

MR. H. CLEMENTS LINTIN, M.P.S., has acquired the business of Mr. William J. Latty, M.P.S., 134 Lawrence Hill, Bristol, 6. He will continue to trade under the present style.

CHANGE OF TITLE.—Mr. H. C. Brailey, having by friendly arrangement retired from the board of directors of Brailey & Smith, Ltd., chemists, Radlett, Herts, and disposed of his interest in the company, the name of the concern has been changed, with the approval of the Board of Trade, the Registrar of Companies and the Pharmaceutical Society, to SMITH, WENDELL & CO., LTD. The directors are Messrs. W. C. Smith, J. Smith, F. C. Rogers, and W. S. Rogers.

MANCHESTER'S POST-GRADUATE SCHEME

By "Refresher"

An early note in The Chemist and Druggist (December 5, 1942, p. 568), and a final notice in the issue of January 16, 1943 (p. 59), prompted me to visit the scenes of my student days and attend the first session of the refresher course for pharmacists organised by the Manchester Pharmaceutical Association and held at the Pharmacy Department of Manchester University. On arrival I found myself in good company. There were present our good friend and council member, Mr. J. H. Franklin, our untiring local secretary (Mr. T. Miller), and, of course, Mr. Harry Brindle. Soon there was a familiar gathering of students of various ages from the several branches of pharmacy including retailers, hospital dispensers, a well-known northern "Knight of the Road," and a member of the staff of a local Insurance Committee.

Mr. Harry Brindle, in opening the first session of the refresher course, said all concerned were justly proud of their Association. They could claim, to the best of his belief, that this course was the first of its type in the country. It was gratifying to note the close collaboration between the Manchester University and the profession of pharmacy. The University was always happy to help pharmacy, while he personally wished to thank the Society's Council for its interest in the activities of the University (as shown in scholarship awards, etc.). Looking at those students present brought pleasant memories of times gone by, and these included his own student days. He was pleased to see some of his old students present at this first session. His association with old students had always been happy, and he did not think it would suffer because of the present course. Mr. Brindle went on to say they wanted students to offer suggestions for improving the course, which was to be elastic and quite informal. It was arranged the course would carry on for approximately a five weeks' period and that sessions would be held on alternate Wednesday afternoons. It was considered that students attending the refresher courses would want to be concerned with a knowledge of the newer methods already used in modern dispensing, and every effort had been made to arrange the course on these lines. Mr. J. H. Franklin thanked Brindle and his staff on behalf of th present. Mr. Brindle then introduced M Ivy Roberts, who would supervise course.

Enrolment

Soon the principal's room had taken the aspect of a student's common ro and it was pleasant to learn that we sho be working under the guidance of Brindle. Many reunions took place, a variety of subjects was freely discus Keenness and enthusiasm for the co became increasingly evident when it noticed that a number of the stude although engaged in part-time Civil Defe and other war-time duties, had found t to submit themselves to this course post-graduate lectures.

The First Lecture

From enrolment we passed to the lect theatre, where we were to listen to w was described later as a magnificent lect by Miss Ivy Roberts. The lecture sterilisation) began with an outline of history of sterilisation. Students w reminded of the old B.P. methods of boili later augmented by autoclaving. At t time autoclaves were scarce, mainly ow to their cost. Later they were more less superseded by the more practical t of autoclaves now in common use. various Addenda to the B.P. were d with so far as they included details sterilisation, and it was stated that Fourth Addendum was a concise acco of the sterilisation processes used tod The lecturer then classified the prod of spores produced by certain types bacteria, and said that the first pract work to be undertaken would deal w sources of contamination and the imp ance of working under aseptic conditi necessitating, where possible, the use of aseptic room and filtered air, etc.

The pyrogens were described, some important instructions were gi on the use of stills and storage of wa Methods of preparing injections, includ sterilisation, containers, filling of ampou sealing, labelling, and capping w described in turn.

Miss Roberts explained that students ld be divided into two "syndicates," ch would alternate for the practical k throughout the course.

ctical Work

or the guidance of pharmacists in other s of the country who may wish to w the example of Manchester I give w the schedules for the first practical ion of each syndicate.

t Schedule

OURCES OF CONTAMINATION.—(*a*) *Bench and s.* Smear a loopful of sterile water over the h and inoculate it on an agar slope. Repeat experiment smearing the loop over the pan. (*b*) *Skin.* Smear a loopful of sterile r over the skin of the hand and use it to ulate an agar slope. Repeat the experiment thoroughly washing the hands with soap water. (*c*) *Air.* Expose agar plates for an hour in various parts of the laboratory. *Voice.* Expose an agar plate and talk over r a few minutes. (*e*) *Distilled water.* Take opful of distilled water and inoculate it on gar slope.

ACTERIA.—Examine the slides provided.

MPOULE-FILLING AND TESTING.—(*a*) Fill oules (1 mil) with water and seal. Test . (*b*) By means of the sterile distributing apparatus supplied, fill four 1-mil ampoules with sterile broth. These will be incubated.

Second Schedule

SOURCES OF CONTAMINATION.—As in Schedule 1.

AUTOCLAVES.—(*a*) Examine the various types of autoclave supplied. (*b*) Prepare a bottle or flask of sterile water. Use freshly-distilled water (note stills available) collected in a sterile neutral glass container. Sterilise by autoclaving at 115° C. for half an hour or longer according to volume of liquid.

STERILISATION OF INJECTIONS.—

℞ Inject. strych. hyd. .. ʒ vi.
gr. 1/40 in ♏ xv.

This is a multiple-dose injection, and therefore an antiseptic is necessary. Dissolve in freshly-distilled water, filter and sterilise by autoclaving at 115° C. for thirty minutes.

℞ Hyoscin. hydrobrom. .. 0·006
Aquam ad .. .. .. 25·0

Fiat injectio. 1 mil pro dos.

Hyoscine hydrobromide cannot be autoclaved, and the solution must therefore be sterilised by heating with a bactericide for thirty minutes at 98°–100° C. Prepare a 0·2 per cent. solution of chlorocresol in freshly-distilled or sterile water and dissolve the hyoscine hydrobromide in it. Filter and sterilise.

ARLIAMENTARY NEWS

abelling of Food Substitutes.—Sir A. x asked the Minister of Health on uary 21 whether he would issue an order er the Food and Drugs Act, 1938, iring the ingredients of food substitutes e stated on the outside of the container hich they are offered for sale. Mr. E. wn replied that he was in consultation his right hon. and Noble Friend the ister of Food upon the subject, but was yet in a position to make a statement.

dvertising Circulars.—Asked by Sir R. er whether the many firms in the ntry which had in stock large supplies atalogues and pamphlets which they unable to circulate to customers in equence of the provisions of the Control aper Order, No. 48, could be permitted se these catalogues, the Minister of ply (Sir A. Duncan) said that the uitous distribution of advertising cirs relating to the sale of goods had been ibited since November 1941. As an ption, circulars already printed before date were allowed to be distributed l the end of October last. He did not k it would be reasonable or fair to other s to extend the period further.

COMING EVENTS

Sunday, January 31

ASSOCIATION OF PHARMACEUTICAL EMPLOYEES, Conway Hall, Red Lion Square, London, W.C.1, at 2.45 p.m. Open meeting in support of request for national wage-regulating machinery for pharmacy.

LEEDS BRANCH, ASSOCIATION OF PHARMACEUTICAL EMPLOYEES, Griffin Hotel, Boar Lane, Leeds, at 3 p.m. Mr. J. D. Hiscock on "Regulating Wages in Pharmacy."

Wednesday, February 3

BATH BRANCH, NATIONAL PHARMACEUTICAL UNION, 9 Kingston Buildings, Bath, at 7.15 p.m. Discussion on Chemists' Friends obligations and penalties; private dispensing fees and charges; etc.

Thursday, February 4

GLASGOW BRANCH, PHARMACEUTICAL SOCIETY, Highlanders' Institute, 27 Elmbank Street, Glasgow, at 7.30 p.m. Short papers by members of the branch.

READING BRANCH, NATIONAL PHARMACEUTICAL UNION, Palmer Hall, West Street, Reading, at 7.30 p.m. Mr. R. H. Kemp, Ph.C., on "The New C.F. Conditions Explained."

LEGAL REPORTS

Dangerous Drugs Act Prosecutions.—At Southport Police Court on January 18, Bernard Fyans, M.P.S., 579 Lord Street, was fined a total of £20 (£5 in each of four cases) for breaches of the Dangerous Drugs Regulations. He pleaded guilty. The Chief Constable said the police visited defendant's premises and found two prescriptions in a register but not entered. They were endorsed by defendant as being dispensed by him. While examining these documents the police came across another prescription which had been supplied by a doctor, but nothing had been done about it so far as defendant was concerned. When asked about this prescription defendant said he had not a particular drug in stock and he telephoned the doctor asking the doctor his advice as to what he should do. The doctor, over the telephone, gave another prescription for a similar medicine which contained a drug mentioned in the Act. This was supplied without any prescription at all and as he made no entry in the register defendant committed two offences—(1) preparing this medicine without receiving a prescription from a duly qualified medical practitioner; (2) not making the necessary entry in the Dangerous Drugs Register.

Fyans told the magistrates that it was just a matter of putting things off until next day. He had no qualified assistant, but his business had grown and he had been very busy. He had no intention of evading the law, nor any intention of treating the regulation lightly. The actual prescriptions were in the register when the police called, but they were not entered into the register. In reply to a magistrate the Chief Constable said the two prescriptions were in the register, but not entered into the register. In the third case he had no prescription and no authority to prepare that medicine. "It must be in writing and signed by a doctor and dated. A doctor cannot telephone a prescription and the defendant knows that," said the Chief Constable. The magistrates retired to consider their decision, which was later announced as indicated above.

At Exeter, on January 14, J. P. Carpenter, medical practitioner, was summoned for failing on three occasions to enter in the appropriate register quantities of morphine sulphate purchased from chemists in the city. He was fined £20 for each offence.

MEDICINAL HERBS SURVEY.—A survey of medicinal herbs growing wild in Denmark, and their collection, are to be organised.

TRAINING OF GIRLS

SHEFFIELD Branch of the Pharmaceutic Society held a meeting on January 14 t hear Mr. G. R. Knox Mawer (a member of th Pharmaceutical Council) speak on "Currer and Topical Pharmaceutical Matters." Mr. (S. Cross was the chairman. MR. KNOX MAWE said that an efficient medical service wa necessary for maintaining the public healtl but the vital war claims of the nation ha prior call. A pool of pharmacists over thirt had been formed in order that the gaps le by the younger men might be filled. H paid tribute to women pharmacists an students, and advocated training youn girls of good education as assistants, a there was a possibility of the women's ag group being raised to forty. Women wer entering pharmacy in increasing number and the figure of women now in the pr fession he put at as high as 40 per cen The Society's policy, whereby students wer able to be retained and to qualify up t twenty-five years of age, had been mair tained. The speaker stressed the necessit for pharmacists' concentrating on dispensin and the sale of surgical appliances. By s doing they would be building a soun foundation for the future. He advise chemists to cultivate the baby supplie trade by accepting points and voucher from customers, and to sell vitamin pr ducts heavily. The average chemist too insufficient advantage of Bloomsbur Square; and he was sure that in Mr. Adam pharmacists had a man who would hel them in their difficulties.

Questions

MR. WALKER asked whether, under th Beveridge scheme, pharmacists would b public dispensers. MR. KNOX MAWER replie that possibly central dispensaries would b formed, but chemists' shops would n doubt be on the same lines as today MR. CROWE asked whether any salary ha been considered for pharmacists in th "pool."—Such a question had been con sidered, but there were many difficultie in its solution. His (Mr. Knox Mawer's statement on the Beveridge plan had bee his considered opinion only. To MR. DIXON' question whether the Council had con sidered plans for persuading doctors to giv up dispensing in favour of chemists, MR KNOX MAWER said that the Planning Com mittee had had this in view. MR. FO proposed, MR. WALKER seconded, and MR DIXON supported, a vote of thanks to Mr Knox Mawer.

STATUTORY COMMITTEE MEETING

HE Statutory Committee of the Pharma-utical Society of Great Britain sat at the ociety's headquarters in Bloomsbury quare, London, W.C.1, on January 14, to nsider whether the conduct of certain emists was such as to render them unfit be on the Register. The chairman (Mr. R. Hill) presided.

ame Removed

The first case concerned Mr. Bernard ogelman, 3 Ritherdon Road, London, W.17, who was convicted at the Central iminal Court, Old Bailey, on September 8, charges of conspiring with other persons lawfully to procure miscarriage. Mr. olroyd Pearce appeared for the Society. . Fogelman, who was not legally repre-nted, appeared in person. Mr. Pearce d that Mr. Fogelman obtained the ciety's chemist and druggist certificate 1936, and was employed as chemist's nager by a firm of chemists at Stockwell ad. As the result of police investigations, . Fogelman was interviewed and made tatement. Mr. Pearce said that he was t in a position to state that anything ong had been done by Mr. Fogelman viously. It was one of the most serious s that a member of the Society could nmit.

n the course of a written statement by . Fogelman, which was read for him by . Pearce, he stated that at the conclusion the police court proceedings the magis-te asked him if he had anything to say l he replied that he wished to ask for al aid and reserved his defence. A few utes before the trial a counsel came and l him to plead guilty on several points, l was asking him some questions when y were called into court. "Remember as told to plead guilty," the statement ed, "but of what the charges were about was absolutely innocent. I regret I ded guilty, and it was not until sen-ced that I got wise as to what I pleaded ty to. I was ordered by my counsel to d guilty, and I think that I was legally directed." He hoped that after serving ence for a crime he had not committed name would be left on the Register.

he Committee retired to consider the ter and on returning to the Council mber the chairman, addressing Mr. elman, said that it had been proved re them that he was convicted, on his confession, at the Old Bailey of three separate offences. "It is quite clear," the chairman continued, "that, on the wording of the Statute, this Committee has no power, even if they thought fit to do so, to say that a conviction before a criminal court of this country is a bad conviction. We do not, but take it as a good conviction. As a matter of fact, as I say, it is a conviction on your own confession, and having had the advantage of looking through the transcript of the shorthand notes of the proceedings, we can only say that if on this advice you had not pleaded guilty, if the question had been open to us, we should unhesitatingly have said that the evidence was conclusive. But, as a matter of fact, we cannot go against a conviction on the evidence. As has been pointed out to us, this is a most serious offence for a chemist to commit; possibly the most serious he can be tempted to commit, and, no doubt, often is tempted to commit. We can do nothing but direct the Registrar to remove Mr. Fogelman's name from the Register.

Case Adjourned

The next case down for inquiry concerned a member of the Society who was convicted at the Central Criminal Court of performing an illegal operation from which a woman died from shock, and he was sentenced to eighteen months' imprisonment for manslaughter. He appealed against the conviction and the appeal was dismissed. The inquiry had been set down for October 15 but was postponed pending the outcome of a petition to the Home Secretary asking for a review of the facts and a quashing of the conviction. The Home Secretary had notified the Committee that he could find no grounds on which he would be justified in intervening in the matter. Mr. Dowles, a solicitor appearing for the affected person, now applied for a further adjournment because counsel engaged in his behalf was detained on a case at Nottingham. The application for adjournment was granted.

Alleged Incapacity to Dispense

Another inquiry concerned Mr. Charles S. Rule, 29 Strone Road, Forest Gate, London, E.7. It was alleged that on June 27 and 29, 1942, while dispensing and/or selling medicines during his control of his employer's pharmacy, he was drunk or incapacitated by the use of drugs and that on June 27 in dispensing a medicine

he did not give effect to the physician's prescription. Mr. Holroyd Pearce appeared for the Pharmaceutical Society and Mr. Lindner for Mr. Rule.

In a letter of explanation to the Society Mr. Rule wrote that, as to the charge of being drunk or incapacitated by the use of drugs, he was unfortunately subject to recurring attacks of malaria, which he contracted during the last war, and that to counteract this he was under the necessity of taking quinine in fairly large doses. He was suffering from one of these attacks at the time mentioned. Hence his behaviour might have caused observers to come to a wrong conclusion. As to not giving effect to a prescription he would point out that he merely dispensed the prescription in the usual manner from a stock bottle of linctus diamorph. which had been made by his predecessor and not by him. The complaint was that the linctus was too thin, but, as they were aware—and the doctor had probably overlooked the fact—this linctus was of thinner consistency than formerly and did pour out like water, as the patient complained.

Written Statements

Mr. Pearce, in placing the facts before the Committee, said that, with regard to the evidence, he had written statements by Mrs. Nathan, who was Mr. Rule's employer, Mrs. Charman, an assistant, and Miss Ann Mead, also an assistant, but they were all three suffering from influenza and could not attend. Mr. J. Thorn, for whom the prescription was dispensed, and his daughter would give evidence.

In announcing the Committee's decisions the chairman said: This is an extremely distressing case for a committee of this sort to have to deal with. We have got these statements from these three women. Unfortunately none of them can attend today and Mr. Rule decided that he would not accept the offer of adjournment in order that they might be present and give evidence verbally and be cross-examined, and therefore we are driven to rely to a great extent upon their statements, which are really their particulars of evidence that we must presume they would have given today if they had attended in person. We have to weigh those statements, supporting or not supporting anything which the doctor or Mr. Thorn or his daughter have been able to tell us, against the statement which Mr. Rule made and our impressions formed upon him in the witness-box. We say with regret that, although there may be discrepancies in small matte between some two or more of those stat ments, on the evidence as a whole w cannot doubt that these women we stating the truth. We are convinced that o more than one occasion on those two da referred to Mr. Rule was not in a fit co dition to be in charge of a chemist's sho or to be dispensing medicine for use by t public, and it is mainly, but not entirel the interest of the public which we have consider.

Formula Unchanged for Nine Years

There is one small incident in t matter which may be mentioned. Mr Charman states quite definitely that whe he was making up this particular medici he spilt a lot of it on the floor and filled u the bottle with water. [Admittedly, t medicine was not analysed, unfortunatel but all three people concerned—Mr. Thor his daughter, and the doctor—agree th it was far thinner than the previous med cine made up from the same prescriptio and we know from Mr. Highfield that t formula has not been altered for more tha nine years. It is obvious that if Mr Charman was speaking the truth about t spilling on the floor and the filling up half the bottle with water that would be easy explanation of the fact that t medicine poured out, as Mr. Thorn co plained, like water. Taking the evidence a whole, we are satisfied that on speci occasions on these two days Mr. Rule w not in a fit state to be dispensing medicin Whether it was entirely due to the acti of drugs or whether to some extent it w aggravated by alcohol we cannot say, b we do not think it necessary we shou attempt to define it. All we say is that was either mainly or entirely due to dru that he was in that condition. Wi great regret in many ways we feel th at present Mr. Rule is not a man w ought to be on the Register and therefo we must direct the Registrar to remo his name.

Mr. Lindner asked whether the decisi might be mitigated to the extent of pos poning it for six months or even two yea thus putting him on probation, instead of once knocking him off the Register. T chairman said he was afraid they could n do anything more than to say that if M Rule came to them at the expiration twelve months with satisfactory evidence to the state of his health and conduct in t meantime the Committee would not s that the application was premature.

PERSONALITIES

Mr. Bob Martin, founder of Bob Martin, td., Southport, donated £1,000 recently to cal charities on the occasion of his venty-sixth birthday.

Mr. F. G. Jameson, B.Pharm., Ph.C., anager of Matthews & Wilson, Ltd., Cole reet, London, S.E.1, has been commisoned sub-lieutenant, Royal Naval Volunr Reserve.

Mr. Alfred Norden (export manager, llen & Hanburys, Ltd.) retires on January , after fifty years' service with the mpany. He is succeeded by Mr. R. reenwood.

BIRTHS

Govan.—At 51 Lochnell Street, Lochphead, on January 15, the wife of Peter Govan, M.P.S., 334 Golfhill Drive, ennistoun, Glasgow, E.1, of a son.

Gutteridge.—At Four Gables Nursing ome, Horsforth, Leeds, Emily, the wife of orge D. Gutteridge, M.P.S., South View, nada Drive, Rawdon, near Leeds, of son.

McEwan.—At Norwood Nursing Home, asgow, on January 7, Margaret, the wife Mr. John Jamieson McEwan, M.P.S., viresco, Woodlands Gate, Thornliebank, nfrewshire, of a son.

Paterson.—At Glenburn, Douglas, Lanshire, on January 17, Helen, the wife William Paterson, M.P.S., 81 Ayr Road, uglas, of a son.

MARRIAGES

Stevenson—Serocold.—At St. George's urch, Hanover Square, London, W.1, on nuary 9, Major Arthur John Stevenson, A. (a director, Stevenson & Howell, Ltd., ndon, S.E.1.), to Junior Commander ana Serocold, A.T.S.

DEATHS

Anderson.—At Woodlands, Forres, on nuary 15, Mr. William Anderson, M.P.S.

Bonnett.—On January 12, Mr. Frederick nnett, M.P.S., 111 Newington Green ad, London, N., aged seventy-five. Mr. nnett was in business in North London his own account for fifty years.

Eastes.—At Ryde, recently, Mr. Ernest n Eastes, Ph.C., F.I.C. Mr. Eastes passed the Minor examination of the Pharmaceutical Society in 1884 and the Major in the following year.

Fairful.—Recently, Mr. Robert Fairful, M.P.S., Dysart, Fife. Mr. Fairful passed the Minor examination of the Pharmaceutical Society in 1904.

Hirst.—On January 22, Lord Hirst, chairman and managing director of the General Electric Co., Ltd., aged seventy-nine.

Owens.—At Southend-on-Sea, recently, Mr. Stephen Owen Owens, late pharmacist to the Public Assistance Institute, Haymeads, Bishop's Stortford. Mr. Owens qualified in 1914.

Parker.—Recently, Mr. John Parker, managing director and chairman of the Ascotts Pharmacies (1933), Ltd., London, N.W., aged forty-seven.

Ridge.—Recently, Mr. Herbert William Ridge, chemist and druggist, Waverley Road, New Milton, Hants. Mr. Ridge passed the Minor examination in 1891.

Smith.—At his home, Station Road, Silloth, recently, Mr. Henry James Smith, chemist and druggist, aged seventy-five. Mr. Smith, who had been in business locally for many years, associated himself closely with the religious, social and welfare organisations in the town. He is survived by three daughters, one of whom, Mrs. D. Dixon, M.P.S., carries on the business founded by her father.

RECENT WILLS

Mr. John Henry Bibbings, Ph.C., 15 Forde Park, Newton Abbot, Devon, who died on April 4, 1942, left £19,976 gross, with net personalty nil.

Mr. Francis Joseph George, M.P.S., 2 Graig Isaf, Monk Street, Aberdare, Glam, who died on October 31, 1942, left £4,660 gross, with net personalty £4,633.

Mr. Henry Rumsey Williams, M.P.S., Stourbridge Road, Holly Hall, Dudley, Worcs, who died on June 7, 1942, left £1,783 gross, with net personalty £948.

Mr. Alfred Bowne Scott, 342 Madison Avenue, New York, founder and managing director of Scott & Holladay Pty., Ltd., Sydney, New South Wales, who died on September 1, 1942, son of Alfred Bowne Scott, sen., founder of Scott & Bowne, Ltd., left estate in Great Britain valued at £46,354, with net personalty £8,248.

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fact that goods made of raw materials hort supply owing to war conditions are rtised in this paper or described in its orial columns should not be taken as an cation that they are necessarily available xport.

Pharmacy's Need for a Higher Command

RE can be little doubt that chemists are atisfied with the present organisation heir calling. There are many reasons for unrest and by no means least important ncertainty about the future. As in-ces of what is passing through the minds hemists it is only necessary to read the ution passed at a recent meeting of the h Metropolitan Branch of the Phar-eutical Society (*see* p. 120 of this issue); onsider the efforts being made by phar-eutical employees to improve their lot; to study the recent discussions on the re of pharmacy and Assumption B of Beveridge Report.

pharmacy is at present organised it prises a number of bodies each inter-l in its own "preserve," one being times antagonistic to another, although in liaisons do exist. We called atten-to this state of affairs in the *C. & D.*, mber 20, 1941 (p. 365), and urged the for federation of pharmaceutical ests. For some time now the Pharma-cal Society has had in existence a ning Committee, but so little has been heard of its deliberations that chemists may be forgiven if they wonder whether it still functions. The committee has a difficult task to perform, and it is to be hoped that by the time it decides what should be done its conclusions will not be out of date. Meanwhile it may well be asked whether such a committee can plan for pharmacy as a whole—if that is its object. During the past 100 years the Society has undergone a metamorphosis; and while this change has been taking place other organisations have sprung up. In their particular spheres these bodies are no less concerned with the future of pharmacy than the Society. It seems logical, therefore, that some supreme body should correlate the schemes of the various pharmaceutical organisations now in being, and in the article referred to above we suggested a Pharmacy Board, on which all interests would be represented.

Pharmacy as an Entity

Such a controlling authority would in no way interfere with the functions of its constituent bodies, but would exercise general direction for the benefit of all concerned in the way that Parliament does over local authorities or a local authority over its committees. Thus the Pharmaceutical Society would continue to carry out its statutory functions, to hold examinations and relieve distressed members and their dependants; the National Pharmaceutical Union would be free to concern itself with trade matters and so forth. There exist two problems of prime importance to solve: the organisation of employees, and the status of dispensers and unqualified traders. No satisfactory scheme for pharmacy can ignore these, for it is most desirable, if not essential, that pharmacy should become a "closed circle." Some years ago the N.P.U. endeavoured to organise employees, but without success. It does not follow that a similar result would attend their efforts today. It is welcome, therefore, to read in the current "N.P.U. Supplement" the suggestion that employees' sections of N.P.U. branches should be formed, and the sooner the proposal takes a more concrete form the better. As we pointed out previously, it cannot be gainsaid that to be affiliated to a powerful political organisation

may have advantages, but there is room for discussion whether such linkage can ultimately be for the welfare of pharmacy as a whole and whether the pharmacist members of such a union can derive any benefit not equally obtainable by organisation within the profession. The Pharmaceutical Society has had its chance in this direction but has not taken it, and so the opportunity falls to the N.P.U.

Need for Reorganisation

The possibilities for pharmacy in the near and distant future are immense if it is guided with adequate foresight along the right lines. Pharmacy, it should be appreciated, does not consist solely of dispensing; it embraces among other things the distribution of all medicines, whether packed proprietaries or in any other form. chemists ever forgo this claim there will little left to distinguish them from me traders. To substantiate this right one the first things to do is to put pharmacy "house" in order by organising its activiti on a broad basis. One of the chief difficulti in bringing this about is that there is nucleus body to initiate discussions, b there seems no reason why the secretari of the various drug trade organisatio should not, as a preliminary, get togeth and examine whether some progressi move cannot be made in the directi outlined above. "One for all and all one" is a motto that might well be bor in mind.

WAR-TIME STANDARDS FOR SOFT DRINKS

The Soft Drinks Industry (War-time) Association has notified to all licensed manufacturers of soft drinks the war-time standards that will operate in Great Britain from February 1. The standards, submitted by the Association, were approved by the Ministry of Food after consultation with the Ministry of Health, the Government Chemist's Department, and the Society of Public Analysts. They will shortly be incorporated in an Order to be made by the Minister. The standards are designed to ensure that the best use is made of the raw materials available and to prevent exploitation of the public through the sale of inferior products. To save shipping space, the sugar content is low compared with pre-war standards. The reduction sugar content is, however, being ma good by an increased allocation of sacchar To achieve the output of soft dri desired by the Ministry, about 50,000 t of sugar would be required on the basis pre-war standards; the new standa will involve the use of only 10,000 tons sugar a year. Maximum prices for dri made to the new standards will be announ shortly.

Unconcentrated Soft Drinks

Beverage	Per 10 gall. finished beverage		
	Minimum citric acid (including acid in juice)	Minimum natural-strength juice	Fixed sugar and saccharin
Lemonade, orange-ade, limeade, ginger ale	1½ oz.	Nil	All to contain 18 oz. of added sugar and 81 gr. saccharin.
Ginger beer, sparkling special	¾ oz.	Nil	
Fruit cup	2¼ oz.	80 fl. oz. (=5 p.c. by volume)	
Soda water	To contain not less than 5 gr. sodium bicarbonate per pint.		

Concentrated Soft Drinks

Beverage	Per 10 gall. finished beverage		
	Minimum citric acid (including acid in juice)	Minimum natural-strength juice	Fixe sugar saccha
Squashes—			
Lime-juice cordial ..	36 oz.	2·5 gal.	
Lemon squash ..	36 oz.	2·5 gal.	
Orange squash ..	24 oz.	2·5 gal.	
Grapefruit squash ..	24 oz.	2·5 gal.	
Lemon barley squash	20 oz.	1·5 gal.	
Cordials— (With juice other than citrus)			All to tain 7 of a sugar 1·24 sacch
Blackcurrant and elderberry	10 oz.	1·0 gal.	
Flavoured Cordials— (Without fruit juice)			
Lemon, lime, orange	20 oz.	Nil	
Blackcurrant, elderberry	16 oz.	Nil	
Ginger, speciality ..	7·5 oz.	Nil	
Peppermint	2·5 oz.	Nil	

HOSPITAL PHARMACISTS' SALARIES

MEMORANDUM has been issued to its embers by the British Hospitals Associa- on on the subject of the salaries to be id to hospital pharmacists and other ployees (almoners, masseuses, radio- aphers). So many hospitals had ap- oached the Association for guidance on is matter that the council asked its ecutive committee to make recommenda- ns. The executive committee in its turn up a special subcommittee, which eived representatives of outside bodies, luding the Guild of Public Pharmacists, fore making its report.

nditions of Employment

It is assumed in the memorandum that hours worked are in accordance with requirements of the Ministry of Labour d National Service. Within the discretion hospital managements, "normal periods holiday" are urged, with a note on the visability of staggering holidays to avoid necessity of engaging locum tenentes. here no pension scheme is in force, or ere an employee is ineligible to join an anised scheme, it is recommended that a n equivalent to 10 per cent. of the ployee's salary and emoluments should contributed by the employer for the pose of superannuation, to be paid on duction of evidence that the sum has n applied in that way by the employee.

commended Rates for Pharmacists

For hospital pharmacists the Association mmends a definite scale only for "other lified assistants" (*see* appropriate para- ph in adjoining column) and for holders the Apothecaries' Hall certificate for istants in dispensing. For higher grades puty chief pharmacist; pharmacist in rge at hospital without undergraduate lical school; chief pharmacist at under- duate teaching hospital) the recom- ndations are limited to "ranges of mencing salaries" without defining xima. The suggested rates are given in following classification:—

(*a*) CHIEF PHARMACIST IN UNDERGRADU- TEACHING HOSPITAL.—Minimum £500 inclusive of any work in normal hours duty (except fees for teaching medical dents). The Association refrains from mmending a maximum salary, since it elt that the varying circumstances and onsibilities obtaining at different hos- ls would make any such recommenda- tion unsuitable for general application. This, together with the question of incre- ments, it is recommended should be for decision by the individual hospital, accord- ing to the conditions applying, including the experience required, the nature of the work, the size of the department, etc.

(*b*) PHARMACIST IN CHARGE AT HOSPI- TAL WITHOUT UNDERGRADUATE MEDICAL SCHOOL.—Range of commencing salary:—

With four or more qualified assistants.. ..	£400–£600 p.a.
With two or three qualified assistants.. ..	£350–£550 p.a.
With one qualified assistant	£325–£525 p.a.
With no qualified assistant	£300–£500 p.a.

The Association refrains from recom- mending a maximum salary for the reasons stated above.

(*c*) DEPUTY CHIEF PHARMACIST.—Range of commencing salary, £275–£380. Maxi- mum salary should be determined by the individual hospital according to the condi- tions obtaining.

(*d*) OTHER QUALIFIED ASSISTANTS (if on the Statutory Register of Pharmacists).— Scale: Minimum £225, rising by annual increments of not less than £12 10s. to maximum of £300 p.a.

(*e*) HOLDERS OF THE CERTIFICATE OF THE APOTHECARIES HALL AS ASSISTANTS IN DISPENSING.—Scale: Minimum £175, rising by annual increments of not less than £12 10s. to maximum of £250 p.a.

What the Salary Includes

All the suggested salaries are inclusive of any war bonus arising from the increased cost of living and of any fees or other emoluments unless specifically excepted. (An exception that will be noted in the recommendations given above is that of fees to chief pharmacists for teaching medical students). For resident appointments it is intended that an agreed sum not exceeding £100 per annum for board and lodging shall be deducted from the salary recommended; where lunch and tea are provided to non- resident employees, the salaries should be £20 per annum lower, unless otherwise agreed. The recommendations are under- stood to apply not only to new entrants to hospital service, but also to existing officers, except that it is suggested that no reduction should be made in existing salaries.

"ONE VOICE FOR PHARMACY"

An address under this title by Mr. G. H. Armitage was followed by lively discussion from members of the North Metropolitan Branch of the Pharmaceutical Society on January 21. The meeting was held at the Conway Hall, London, W.C.1, and the chairman was Mr. L. Hayward, who said that several times recently North London Branch had passed resolutions and had not known where to send them; there was a growing need for a Union of all pharmacists.

Past, Present and Future

Mr. G. H. Armitage said he would divide his address into three parts: the voice of pharmacy in the past; the principal retail bodies, non-political and political; and his idea of what ought to be done in the future. He reviewed legislation from the passing of the Medicines Stamp Act, 1802, to the Pharmacy and Poisons Act, 1933, when membership of the Society was made compulsory. The principal retail bodies he grouped as being, for employers, the National Pharmaceutical Union and Company Chemists' Association; for employees, the Association of Pharmaceutical Employees and the Socialist Medical Association, pharmaceutical section. The N.P.U. represented 93 per cent. of proprietor pharmacists, and had done sound work for the craft, particularly in helping "blitzed" chemists. The Company Chemists' Association was owned by shareholders of the member companies, who greatly outnumbered the total number of proprietor chemists. The Socialist Medical Association's motives were of the highest, but their evolutionary theory would, he considered, require revolutionary practice to bring their plans to fruition. An analysis by the Committee of Inquiry showed that sales in a majority of shops were made up of proprietaries first; non-proprietaries second; toilet sundries third; National Health Insurance fourth; and private dispensing sixth.

Union the Remedy

As to the future, Mr. Armitage said the remedy was a union, association, or alliance with the object of organising employer and employee pharmacists completely from within, and of providing a unified policy by the formation of a Joint Council. Union would result in good relationship between employers and employees; secure co-operation and recognition of mutual interests; establish, so far as possible, uniform working hours and conditions assist in maintaining prices that woul afford reasonable remuneration to bot employers and employees; and encourag friendly intercourse between pharmacist outside working hours; it could take i hand the question of apprenticeship cor ditions. The organisation should be nor political and self-supporting, and shoul co-operate with the Pharmaceutical Societ so far as that body's powers permitte By various committees it would embrac the whole of the retail trade. He therefor moved the following resolution:—

> That this meeting of the North Metro politan Branch of the Pharmaceutica Society is of the opinion that a join council of retail pharmacists should b inaugurated forthwith. That committe be appointed representing employers an employees, the employers to be nominate from proprietor pharmacists of the N.P.U and administrative pharmacists from th Company Chemists' Association; th employees to be nominated from thos in the service of proprietor pharmacis (sponsored by either the N.P.U. or th Drug Council) and the Company Chemis and representing their respective orga isations. That these nominees constitu a Joint Industrial Council whose functic shall be to deal with outside bodies c all matters appertaining to retail pha macy not included in the Society Charter (but working conjointly with th Pharmaceutical Society wherever pos ible)—salaries, wages, hours, holiday conditions of employment, etc.—and conciliate and arbitrate in dispute That a copy of this resolution be sent every pharmaceutical association, solici ing its aid by appointing delegates confer with the North London Associ tion for the purpose of setting-up special or joint standing committee.

The Chairman thanked Mr. Armitag and a member seconded the resolutio suggesting that, in view of the difficul of having a paid secretary, the propos new body should use the offices at Que Square. Mr. Armitage agreed, and sa that if this was done the committee wou be in the atmosphere of the N.P.U.

An Amendment

Mr. Hearle moved the followi amendment:—

> That steps be taken with a view to t formation of a national organisation

non-proprietor pharmacists in association with an existing organisation.

His view was that the proprietor pharcist had all the organisation he needed, ıe made use of it. If they had been back 1912–14 he would have been a wholeırted supporter of Mr. Armitage, but ıny things had happened in the meanıe. He was convinced that what was ɔded at present was an organisation to ɔr for the non-proprietor pharmacists, ether engaged in wholesale, hospital, or ail pharmacy. But if the proposed ganisation was to be on a voluntary sis, there would be a lot of spade-work to anew that had already been accomshed. Mr. Bennett seconded the endment. Mr. Atkinson thought the P.U.'s offer of assistance an extremely ıerous one. He did not see any reason y a new organisation under the ægis of N.P.U. could not be opened to nonprietors. Mr. Davis supported the endment and opposed the resolution. e economic interests of employers and ployees were diametrically opposed, he l. Mr. Harrison asked if Mr. Hearle l in mind that there would have to be ıe sort of unification of committees or resentatives from all organisations to ak with one voice for pharmacy, and . Hearle replied that all it would need uld be for the non-proprietors to have resentation on the existing bodies.

ove Sectional Interests

Mr. Neville Booth was disappointed t speakers had rather confused the ıe. The burden of the majority of the nmittee of Inquiry had been that an anisation like the North Metropolitan ınch of the Society could pass a resolun on an important matter and there was body to which it could be sent. They re all pharmacists, and they must not k upon things, as they had that night, sectional interests. Mr. Harrison lared he was in full agreement with at Mr. Booth had said; unless Mr. arle's amendment had in view the form of a joint council of all sections, he did think the original resolution or the endment quite filled the bill. Mr. tthews said there must be an organisan that could speak for the majority of non-proprietor pharmacists. Men would returning from the war who would be ced to take jobs as employees, whereas nerly they had been their own masters.

Ir. Royal pointed out the position of Guild of Public Pharmacists, stating that this body opened its membership only to hospital pharmacists; it was the only association of pharmacists that could be described as professional.

Mr. Dixon thought the non-proprietor employee pharmacists should get together and organise. There should be a proper Joint Council. Another speaker said the chief point was to get some assurance that if and when the offer of the N.P.U. was accepted, and a national council or committee of non-proprietor pharmacists was formed, there would be joint organisation.

Amendment Carried

The resolution was then put to the meeting, and on a show of hands was declared lost. The amendment was then put as the substantive resolution and passed. Mr. Armitage said that, although his resolution had been defeated, he had provoked thought and discussion.

FACE AND DUSTING POWDERS

The provisions of the Toilet Preparations Order (S. R. & O., 1942, No. 2605) limited the supply of face powders and toilet dusting-powders by registered manufacturers during the current six-monthly restriction period to 32½ per cent. of the value of supplies of these goods in the standard period, not more than half of this being supplied in the first three months. The Board of Trade now understands that certain registered manufacturers possess stocks of powder, raw materials, or containers which cannot readily be liquidated because the owners have only a small powder quota or none at all. The Board is prepared on receipt of applications to consider the issue of licences to such persons permitting them to supply powder to a limited extent outside their powder quota, if any, provided that supplies against general quota are reduced to a corresponding extent. In no circumstances would the licence exceed half the value of the general quota. Applications, which must be submitted before February 13, should state: (1) Value of powder quota to June 30, 1943; (2) value of general quota; (3) value of finished powder in stock on December 31, 1942; (4) value of finished powder which could be made from raw materials and containers in stock on December 31; (5) value of finished powders which applicant wishes to supply at the expense of his general quota after maximum possible supply against his powder quota.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on January 15. Mr. H. F. Moore, Ph.C. (president) occupied the chair. Others present included Messrs. J. T. Nicholl (vice-president), C. Abernethy (treasurer), J. Glendinning, J. E. Connor, J.P., Walter C. Tate, J. McGregor, James McDowell, James Donaghy, H. H. Cowzer, James Irwin, J. W. Gray, J.P., J. F. Grimes, J.P., Dr. S. E. A. Acheson, Dr. James Small, Professor E. B. C. Mayrs, and the secretary (Mr. D. L. Kirkpatrick).

THE SECRETARY read a letter from Mr. R. McCormick, principal of Magherafelt Technical School, conveying the thanks of the Magherafelt Technical Instruction Committee for the Society's £25 grant towards the cost of conducting classes for pharmaceutical apprentices in the school.

On the motion of MR. JAMES DONAGHY, seconded by Mr. JAMES MCDOWELL, and passed, Mrs. Gurd, Belfast, and Mrs. Logan, Downpatrick, were given permission to carry on business as pharmaceutical chemists for a period of five years; Mrs. Ardis, R.D., Newtownhamilton, co. Tyrone, Mrs. Cherry, Ph.C., Newtownards, co. Down, the executors of the late Mr. William Orr, R.D., Armagh, and Mrs. Parke, Ph.C., Banbridge, co. Down, were given permission to carry on for a period of one year.

Proposed Amendment of Syllabus

MR. JAMES MCDOWELL proposed the following notice of motion which was seconded by MR. H. H. COWZER: "That the syllabus of the Society be amended so as to bring it into conformity with the syllabus of the Pharmaceutical Society of Great Britain." MR. J. W. GRAY proposed an amendment to this motion as follows: "That the matter of the amending of the syllabus be referred to the Education Committee." This was seconded by MR. JAMES DONAGHY and carried.

Commissions in R.A.M.C.

THE PRESIDENT, who brought this matter forward, said commissions were still under consideration by the War Office in London. DR. SMALL said he gathered from information in the Press that non-medical commissions in the R.A.M.C. were not available for pharmacists more than anybody else.

Certificates to New Licentiates

It was the intention of the Council th these should be presented at the month meeting but as the recipients were not at to be present they had to be sent by po

Belfast Health Commission

DR. S. E. A. ACHESON proposed, a MR. C. ABERNETHY seconded, that t president, vice-president and secretary of their services to the secretary of the new appointed Health Commission in t matters under consideration.

New Members

The following new members were pr posed by MR. C. ABERNETHY and second by MR. J. T. NICHOLL: David Baxter, 2 Donegall Road; Robert Alexander Fo 74 Pommern Parade; Thomas Johnst Eglinton, 35 Lisburn Road; Miss Elizabe Wellwood, 87 Ormeau Road; Rob Groombridge Hood, 14 Donegall Roa William George Hubert Anderson, 1 Lisburn Road; Robert McMullan, 1 Lisburn Road; Thomas Douglas McDow 209 Shankill Road; John Wellwood, 1 Grosvenor Road; William Geo McCreight, 225 Newtownards Road; Jo Dawson Fullerton, 352 Crumlin Roa William James McKee, 167 Oldpark Ro David Laurence Byrne, 7 Divis Stre Richard Cecil Jeffers, 64 Falls Road, all Belfast; James Alexander Emerson, Lower English Street, Armagh; Jan Alexander Walker, c/o Mrs. Hamilt Abercorn Square, Strabane; Robert Jo Wright, Castle Street, Strabane; Thon Edward Maginnis, Braeside, Ballymacr dle, Portadown; James McConnell, Mrs. Ingram, Doagh; Miss Jean As Boyd, The Manse, Ahoghill.

"Paper Goes to War."—This Waste Pa Salvage Exhibition was opened on Thu day, January 28, at the Royal Exchan London, E.C.3. A feature of the exhibit is a display of devices and methods economising in the use of all descriptions paper and packaging materials.

LIMITATION OF DEMAND?—"We're lowed to make and sell this cream. Are y allowed to buy?—Caption to a cartoon "American Perfumer."

Across the World in War-time

Through South and Central America

By Herbert A. Berens, B.A. (Cantab.), F.C.S.

(*Continued from The C. & D., January 16, p. 70*)

LEFT La Guardia airfield, New York, for South America on December 11, 1941, on a morning when the temperature was just above freezing point, and ved in the afternoon sunshine at Miami re it was 80 degrees in the shade. Next ning, after leaving Quay West be- l, the "Clipper" soon crossing the th of Cuba, the redolent of the l of the tobacco t rising through hot atmosphere. hort stop was e at Antilla, then the two negro blics of Haiti and Dominica, with rced stop for the t at San Pedro. y next morning I ved at San Juan to Rico) to see nustle of America ar. Then across sea to Trinidad a pleasant week- and the first lish atmosphere London.

ut over the sea n, passing the t delta of the zon, we arrived Belem, better wn as Para, in the North of Brazil. damp red soil and the dripping luxuri- overgrowth of tropical vegetation fied to the fact that we were just on Equator, where the mighty Amazon s for thousands of miles amongst the t varied flora and fauna in the world. m is some six or seven hours by train n Manaos, the home of balsam copaiba, le out not far beyond are native tribes still hunt with arrows dipped in curare. m Belem, Maranham, Pernambuco and ia are shipped various products indi- ous to the North of Brazil, such as randi, gum chicle, Bahia and Minas acuanha, tonka beans, Brazilian sarsaparilla, etc. This country is as yet only partly developed, and many products which will ultimately prove of interest to the drug trade will be forthcoming in future years.

Route taken by the Author

Of all the countries I have visited I found the Brazilians the most friendly and anxious to do business. Everyone wanted to know why this country did not send more business representatives to Brazil. They like our methods and want to develop trade with us more than with anyone else. I heard numerous criticisms of the commissions which we have sent out, stating that all they do is to hold receptions, visit a few of the big business people, but never attempt to contact the smaller firms. I am confident that if firms at home would develop Brazilian trade it would mean great benefit and close co-operation with a friendly and delightful people.

Before I left on this trip there was talk about the vast quantities of caffeine that could be produced in Brazil as a by-product in the conversion of coffee into plastic material. Unfortunately, although they were able to produce some plastic material, it was so hard that it could not be moulded, so this source of caffeine never developed. Most of the caffeine now being manufactured in Brazil is made from maté, and although it may be of interest at the present time it could never compete with caffeine from the usual sources. The manufacture of emetine is also proceeding but, here again, until the Brazilians are able to convert cephaeline into emetine it is doubtful whether they can normally compete with

the manufacturers in this country. There are considerable supplies of 60 per cent. calcium citrate available in Brazil which one day may prove of some interest.

Sao Paulo

Two hours' flying-time from Rio brought me to Sao Paulo, one of the most modern cities of South America, some 3,000 ft. above sea level, with a delectable climate. Here modern industries flourish, textiles and leather being the most important. Sao Paulo has one of the best-equipped and largest hospitals in the world. There are also some fine biochemical laboratories and a world-famous snake farm. Snake venom of all types is collected, and some snakes are reputed to yield as much as one kilo of venom per snake per year.

Buenos Aires

I left Sao Paulo on the morning of Christmas Eve on a long flight to Buenos Aires, over the amazing Iguassu Falls, not far from a point where Paraguay, Argentine and Brazil meet. I was welcomed at Buenos Aires by my old friend and one-time partner, Mr. Lazar Tchianak, and spent the Christmas and New Year with him and his family. Buenos Aires is a great change from Rio, and might be any North European city. It is much modernised except for the narrow streets which branch off the main avenue. The chemical business in the Argentine was at this time very speculative in character but there is great opportunity for genuine trade. There are practically no crude drug exports from the Argentine. Tartaric acid is being manufactured there. The Argentine, in my opinion, requires cultivation by British pharmaceutical firms. There are big possibilities and, in spite of all we hear, the people are very friendly towards this country.

Buenos Aires to Chile

The next part of the trip took us for three hundred miles across the flattest cultivated plains I have ever seen, with not even a hillock to relieve the monotony. After Cordoba we crossed the Salt Bush plains and hills to Mendoza, where the winds remind one of the hot steam in a Turkish bath. Then 20,000 feet up over the snow-capped peaks of the Andes and down to the quiet nestling town of Santiago de Chile. Chile is another country which had been forced to investigate its possibilities at the outbreak of war, and mercury is now being distilled in quite important quant ties. The price, however, is above parit and shipping difficulties are, of cours paramount. Sulphur is another produ that Chile can supply, and much work being done in the collection of crude dru such as boldo leaves. Quite importa quantities of ichthammol are being e ported.

I was booked to leave Los Angeles b "Clipper" on January 24, and my reserv tion was to leave Santiago on the nint I was, therefore, obliged to travel non-st from Santiago to Mexico City, some 4,5 miles in three-and-a-half days. The fir few hundred miles after leaving Santia is through some of the most desolate cou try imaginable—drab brown in colour, wi no life and no vegetation. Only in the f distance is the monotony broken by t snow-capped Andes.

At night we rested at Lima, then on agai calling for a moment at Guadaquil i Ecuador, where orchids grow in profusio On again we flew into Colombia to land Cali, a modern city with commerci possibilities.

Forced Change of Plan

Next morning a few hours' flying brougl us to the heart of the tropics and to Tap chula in Mexico, the most colourful count of all, past the lovely volcanoes and t "sleeping lady and her cavalier," to lan 7,500 feet above sea level in Mexico Cit itself. Mexico is a land of great possibilitie and a country which is developing its ch mical industries and is just beginning t know something of its raw materials. As i Chile, mercury is produced in considerab quantities. Many unknown crude dru are to be found in Mexico. I received repor of one containing a product similar t insulin and another containing an alkalo similar in its action to emetine, and a thi containing calcium galactonate, said to b one of the most soluble salts of calciun In the past most of the crude drug busine from Mexico, especially scammony, jala sarsaparilla, etc., was handled by tw German firms. There is a big opportunit today to develop this business. It was onl on arrival in Mexico City that I learne that the Australian "Clipper" had bee cancelled, and this information was app rently unknown to all the Pan-America offices in South America. There was n thing left but to finish my business i Mexico City and return by 'plane to Ne York, and hope that there might be som way of going by boat to Australia.

TRADE REPORT

ot quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include rine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, January 27

NDITIONS in the London drug and chemi- markets were much the same as last ek, business being on a restricted scale, ticularly in crude drugs. Sales of PHARCEUTICAL CHEMICALS were confined to all routine orders, and no new price nges have occurred during the week.

ude Drugs

firm prices are ruling for most drugs, in some instances stocks are inadequate meet demands. AGAR for bacteriological poses is selling slowly but much higher es are now mentioned. Cape ALOES racts some interest, but Curaçao is lected. Some Canadian CASCARA SAADA bark appears to be coming in through mercial channels. GUM ACACIA is about f-a-crown a cwt. higher on spot. IPECUANHA is extremely firm; liquid extract been advanced by 2s. 6d. per lb. Spot plies of SENEGA seem to have been red. Portuguese SQUILL is at the her spot prices noted last week. CARBA WAX is firmer on spot, and advanced es are indicated at the source.

ential Oils

usiness in many items continues diffi- on account of short supplies. ANISE R) is in good inquiry, with supplies cult to locate. BAY is in limited compass spot. CAJUPUT is firm. CITRONELLA is ood request, with Ceylon inclined dearer. t stocks of EUCALYPTUS are considerably inished, but the price is steady. Conrable inquiry is noted for PEPPERMINT the supply is insufficient and prices high.

Pharmaceutical Chemicals

ETANILIDE.—Current prices are about as ws: B.P.C. crystals, 2s. 5d. per lb.; ler, one penny per lb. extra.

ROPINE.—Makers quote at the following per oz.: ALKALOID, 35s.; 4 oz., 34s. 6d.; z., 34s.; SULPHATE, 28s.; 4 oz., 27s. 6d.; z., 27s.; METHYL BROMIDE and METHYL ATE, 65s.

NZOIC ACID.—Supplies may be had for tial pharmaceutical and medicinal pur- at from 2s. 6d. to 3s. per lb., according to tity.

BISMUTH SALTS.—Current prices per lb. for the two main salts are as follows: CARBONATE.—Under 4 lb., 11s. 8d.; 4 lb.–8 lb., 11s. 2d.; 8 lb.–28 lb., 10s. 5d.; 28 lb.–1 cwt., 9s.; not less than 1 cwt., 8s. 9d. SUBNITRATE.—Under 4 lb., 10s. 3d.; 4 lb.–8 lb., 9s. 9d.; 8 lb.–28 lb., 9s.; 28 lb.–1 cwt., 7s. 10d.; not less than 1 cwt., 7s. 7d.

BORIC ACID.—Makers' prices per ton are as follows: B.P., granulated, £60 15s.; crystal, £61 15s.; powder, £62 15s. Packed in one-cwt. bags, delivered carriage-paid Great Britain, in one-ton lots and upwards.

BROMIDES.—Makers' prices for POTASSIUM are steady at the following figures:—

Quantity	In parcels of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. ..	3 11	—	—	—	—
From 4 lb. ..	3 10	3 8½	—	—	—
From 7 lb. ..	3 9	3 7½	3 6¾	—	—
From 14 lb.	3 8	3 6½	3 5¾	3 5¼	—
From 28 lb.	3 7	3 5½	3 4¾	3 4¼	3 4
1 cwt. ..	3 0½	2 10¾	2 10¼	2 10	2 9½
5 cwt. ..	2 11½	2 9¾	2 9¼	2 9	2 8½

SODIUM, 1d. per lb. extra; AMMONIUM, 3d. per lb. extra; packing extra but returnable. Net. Carriage paid in United Kingdom on minimum one-cwt. lots. Contracts over six months: each delivery against contract to be charged at schedule rates current on day of dispatch. War-emergency clause and usual re-sale terms apply.

CITRATES.—Current rates for POTASSIUM, B.P., in lots of 28 lb.–1 cwt., are as follows (containers in brackets): 3s. 2d. (1-lb.); 3s. 0¼d. (4-lb.); 2s. 11¾d. (7-lb.); 2s. 11½d. (14-lb.); 2s. 11d. (28-lb.). Prices of SODIUM, B.P., are at one penny below, and IRON AND AMMONIUM (SCALES), B.P., at threepence per lb. above these prices. Packages extra.

ETHERS (METHYLATED).—Makers' prices per lb. for winchester quarts are: 0·750, 1s. 5¼d.; 0·735, 1s. 5¾d.; 0·730, 1s. 5¾d.; 0·725, 1s. 7¾d.; 0·725 (triply rectified), 2s. 0¼d.; 0·720, 1s. 8¾d.; 0·720 (B.P., not for anæsthesia), 1s. 10d.

GLYCERIN.—Small quantities are quoted as follows: 56-lb. tin, 99s.; 14-lb. tin, 105s. per cwt.; subject to 2½ per cent. discount, twenty-eight days.

MANDELIC ACID.—Prices for MANDELATES are as follows: SODIUM and CALCIUM—4 oz., 8 oz. and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM (50 per cent. solution)—4 oz., 8 oz. and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

METHYL SALICYLATE.—Makers' current rates are as follows: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller quantities, in bottles, 2s. 1½d. per lb.

PILOCARPINE.—The following are makers' prices per oz.: BASE, 27s.; 4 oz., 26s. 6d.; 25 oz., 26s. HYDROCHLORIDE, 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE, 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

TANNIC ACID.—In restricted supply at approximately 8s. to 8s. 3d. per lb., according to quantity.

TERPINEOL.—Available for medicinal use at from 3s. 6d. to 4s. per lb., according to quantity.

VANILLIN.—Makers' prices are unchanged: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.; carriage paid in the United Kingdom.

Crude Drugs

AGAR.—A routine demand has been met for bacteriological material; most of the cheaper parcels seem to have been cleared.

ALOES.—Cape is in some request; but Curaçao is dull. Prices are: Curaçao, 45os. per cwt., c.i.f. Cape, firm at 65s. to 67s. per cwt., as to seller and quality.

ANTIMONY.—Price and supply positions are unchanged. English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude for the home trade, £100, delivered.

BALSAMS.—*Tolu*, softish, about 10s. per lb.; *Peru*, 8s. 6d. per lb.; *Canada*, in short supply, 9s. per lb.; *Copaiba*, B.P., unobtainable.

BELLADONNA.—Indian leaf, afloat, 4s. 9d. per lb.

BENZOIN.—Unchanged; a few inquiries are being received. Sumatra almondy block, from £18 to £25 per cwt., spot; good seconds £17 to £19, according to holder and quality. Sumatra free "almonds," £32 to £35.

BISMUTH METAL.—No change has occurred in the price of high-grade metal, which remains at 6s. 3d. per lb. for minimum 5-cwt. lots.

BUCHU.—Spot supplies of fair green rounds are in small compass at about 6s. 6d. per lb.

CAMPHOR.—A small routine demand exists for natural grades. Prices: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 12s. English synthetic, B.P., to approved buyers, 8s. per lb.

CARDAMOMS.—Quiet. Shipment price from India for Aleppy seed is 6s. 6d. per lb., c.i.f., spot price, 6s. Other prices are as follows: Aleppy green, spot, 5s. 6d. per lb.; shipment, 5s. 3d., c.i.f. Split seed, spot, 5s. per lb.

CASCARA SAGRADA.—Some Canadian bark appears to be coming in, and prices of about 195s. per cwt., c.i.f., are mentioned.

CHILLIES.—Zanzibar, Mombasa and Sierra Leone are at 120s. per cwt. on spot; Sudan is not quoted.

CLOVES.—The slightly higher spot price 1s. 6¾d. per lb. for Zanzibar is maintained; arrive, 1s. per lb., c.i.f.

DANDELION ROOT.—Small supplies of Ind root may be had from dealers at 140s. per c ex store.

DIGITALIS LEAVES.—Good-testing Portug leaves, steady on spot at 135s. per cwt. Engl grown leaves, unchanged at 2s. 4d. per lb.

ERGOT.—New-crop Portuguese is offered spot at 5s. 9d. per lb.; sound old-crop may had at 5s. 3d. to 5s. 6d., and wormy at 4s. to 4s. 9d.; shipment, 5s. per lb., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts half-a-crown cheaper on spot at 95s. per c shipment, 65s., c.i.f. Some bleached may be had by consuming manufacturers at 14 ex warehouse London.

HENBANE.—Spot, just below B.P., 3s. 3s. 3d. per lb.; afloat, Indian f.a.q., 275s. cwt., c.i.f.

IPECACUANHA.—Supplies rather short, p firm. Good-testing Matto Grosso, spot, to 19s. 6d. per lb.; Minas, B.P., 15s. 6d. to according to seller and test; just under B 14s. 6d. to 14s. 9d., according to test. Hi rates are noted for EXT. IPECAC. LIQ., as follo B.P., 1932, under three, 28s. 6d. per lb.; t and under six, 28s.; six and under tw 27s. 6d.; twelve and over, 26s. B.P., 1 under three, 26s. 6d.; three and under 26s.; six and under twelve, 25s. 6d.; tw and over, 25s. per lb., all prices net.

JABORANDI.—Not much interest is b taken in this item. Spot price would be per cwt., ex store.

JALAP.—Brazilian root, 15 per cent. r continues to be offered at 95s. per cwt.; grades are as follows: 16 per cent., 1 19·3 per cent., 130s. per cwt., ex wareh Mexican root is not available.

KAMALA.—Six per cent. may be had on at 2s. to 2s. 3d. per lb., according to holder.

LIQUORICE ROOT.—Spot price of East In remains at 75s. per cwt. Supplies are good

MENTHOL.—Business has again been m ate, with prices unchanged. Duty-paid Chi spot, would fetch from 75s. to 79s. per Japanese, 76s. to 80s. per lb.

MERCURY.—Current official prices range £68 10s. to £69 15s. per bottle for quantit over 7 lb.

NUX VOMICA.—Demand remains small the price is steady. Cochin, washed garbled, spot, 42s. 6d. to 45s. per cwt., acco to seller.

ORANGE PEEL.—Bitter quarters, spot, 3 per lb.; some dried unripe fruit is offere phramaceutical purposes at 9d. per lb warehouse, London.

PEPPER.—The Minister of Food has ma Order amending the maximum prices of pe The new prices show increases made nece by costs which have been steadily risin nearly a year. Conditions of sales are unch

cept that all maximum prices are now duty-id—customs duty, if any, being borne by the ler. The present permitted additions to aximum prices for pepper sold in 28-lb. and b. non-returnable tins have been extended include an addition of 1s. 9d. for a sale of pper in a non-returnable 14-lb. tin, a size quently used for ships' stores. The new aximum prices will be published subsequently.

PIMENTO.—Sellers on spot at 2s. 3d. per lb.; pment prices not quoted.

PODOPHYLLUM ROOT.—*Emodi*, 15 per cent., ot, 82s. 6d. per cwt.; afloat, 65s. c.i.f.

RHUBARB.—Business has been moderate. od-quality rough-round, spot, from 7s. 6d. 8s. per lb., according to quality and holder.

SEEDS.—Prices are steady at the rather lower els indicated last week. CORIANDER.—Indian, s. per cwt., with some offers below this ire; English, 200s. CUMIN.—Maltese, spot, s.; Indian, 130s. DILL.—Spot quoted at s. FENNEL.—Indian, 110s.; FENUGREEK.— s. MUSTARD.—Controlled (see *C. & D.*, vember 28, 1942, p. 564).

SENEGA.—Practically nothing appears to be on spot.

SENNA.—Supplies of practically all grades adequate. Good hand-picked Tinnevelly ls, 11d. to 1s. 2d. per lb.; ordinary grade, . to 11d.; f.a.q., 6d. to 7½d. Hand-picked xandrian pods, 3s. 6d. to 6s., according to lity. Prices for leaves are as follows: nevelly No. 1, 9d. to 10d.; No. 2, 7d. to .; No. 3, 5½d. to 6d. Alexandrian broken, 3d. to 1s. 4d. per lb.

SHELLAC.—Dull, with no change in prices. ot, standard TN orange, 205s. per cwt., ne; pure button, unquoted; fine orange, s. to 290s. quoted.

SQUILL.—Portuguese, steady at the higher re of 95s. per cwt. noted last week; Indian, hanged at 75s.

STRAMONIUM LEAVES.—Indian on spot would h 105s. per cwt., but supplies are meagre.

STROPHANTHUS SEED.—A small but fairly dy business continues in Kombé, 100 per t., at 10s. 9d. to 11s. per lb.; lower grades at cheaper rates, according to test.

TRAGACANTH.—In fair demand at unchanged es. No. 1, white, £125 per cwt.; No. 2, te, £112; No. 3, white, £98; No. 4, white, ; pale leaf, £72; amber leaf, £64; dark er, £55; brown leaf, £45; red-and-brown , £40; red leaf, from £33; woody and gy, from £17, ex store.

TURMERIC.—Steady. Madras finger, sound lity, spot, 62s. 6d. per cwt.; wormy, 60s.

VALERIAN ROOT.—Indian, in small compass pot, 110s. per cwt., ex store.

WAXES.—CARNAUBA.—Spot firmer, with er prices indicated at origin. Fatty grey, s. per cwt.; chalky grey, 450s.; Primeira, s. BEES'.—Supplied only through members he Association of Merchant Distributors of swax.

Essential and Expressed Oils

ANISE (STAR).—In good inquiry, but scarce. Drums, spot, 54s. to 55s. per lb.

BAY.—Limited supplies are available on spot. Price would be about 12s. 6d. per lb.

BERGAMOT.—The basic price of any remaining small supplies would be around 100s. per lb., but business would be by negotiation. British makers can supply artificial substitutes at lower prices.

BOIS DE ROSE.—Spot price is approximately 42s. per lb.

CAJUPUT.—Spot value is maintained at about 15s. 6d. per lb.; supplies are restricted.

CANANGA.—Supplies are in small compass, but spot values are unchanged at about 65s. per lb.

CASTOR.—Prices are controlled at the following levels: Firsts, £60; seconds, £58 per ton, naked ex works.

CEDARWOOD.—For any available spot stocks about 9s. to 10s. per lb. would be wanted, according to holder.

CINNAMON LEAF.—About 15s. to 15s. 6d. per lb. would be the spot price.

CITRONELLA.—Continues in good demand, with supplies restricted. Ceylon, spot, about 19s. 6d. per lb.

CLOVE.—English distillers quote at 14s. per lb.

COTTONSEED.—No change has been made in the controlled price of £49 per ton, naked ex works.

EUCALYPTUS.—In short supply, with prices unchanged. Spot, 70 to 75 per cent. cineole, about 5s. 9d. to 6s. per lb.

GERANIUM.—The price is a matter for negotiation on the basis of about 80s. per lb. for any available supplies.

GINGERGRASS.—Small lots may be had on spot at approximately 25s. per lb.

GROUNDNUT.—Official prices range between £48 and £54 per ton, naked ex works, according to grade.

PALMAROSA.—Small quantities are obtainable on spot at 32s. 6d. to 35s. per lb.

PENNYROYAL.—Good-quality, on spot, would be worth around 35s. per lb.

PEPPERMINT.—Good inquiry is noted, but supplies are difficult to find. Some small lots of American may be available at about 115s. to 120s. per lb., and Chinese and Japanese at 92s. 6d. to 95s.

PETITGRAIN.—Any available spot supplies would fetch from 22s. 6d. to 24s. per lb.

ROSEMARY.—Spot price unchanged at about 16s. per lb.

SASSAFRAS.—No change has occurred in the spot price of about 19s. per lb.

THYME.—High-quality oil is unchanged on spot at 25s. per lb.; other grades are at rather lower prices.

MISCELLANEOUS INQUIRIES

Rose Metal.—*W. S. W.*—This is an alloy containing bismuth, lead and tin. The proportions appear to vary as follows:—

Bismuth ..	2	35	50
Lead ..	1	35	28
Tin ..	1	30	22

Hair Restorer Pomade.—*T. F. G.*—The following recipe for hair restorer pomade is given in Pharmaceutical Formulas, Vol. II:—

Lead acetate	30
Precipitated sulphur ..	25
Beef marrow	100
Olive oil	180
Soft paraffin	450
Benzoated lard	175
Beeswax	25
Perfume	a sufficiency

Technical Oil.—*R. E.*—The sale of petroleum products is governed by the Petroleum No. 2 Order, Section 8 of which states that the Order shall not apply to, among other things, the disposal or acquisition of any petroleum products specified in the schedule and not exceeding the specified quantities at a specified time. Among the oils mentioned are lubricating oils and other liquid products (including transformer oils and white oils), in a maximum quantity of 50 gallons at any one time and in the aggregate in any one quarter of 250 gallons. Liquid paraffin, B.P., is not white oil within the meaning of the Order.

Unqualified Contractors under N.H.I.—*F. J. J.*—Now that you are no longer authorised sellers of poisons, the position is as follows: Each insurance committee publishes a list of the persons who, within the area, are prepared to supply insured persons with drugs, medicines or appliances. On that list there are sometimes names of contractors who only supply (*a*) drugs (excepting scheduled poisons) and/or (*b*) appliances. The unqualified contractor who agrees to supply drugs has a very limited scope for his activities. He may not do any dispensing. The extent of the service to be rendered by such a contractor has never been exactly defined, and variations probably exist in different areas; but a reasonable interpretation of the duties to be undertaken under a limited contract, and the one most generally adopted, appears to follow these lines: An unqualified contractor may supply any drug or preparation —not containing a scheduled poison—which may be purchased from the wholesaler in such a packing and of such a character as to enable it to be handed to the insured p in the condition in which it is rece Mixing, compounding or dilution w not be allowed. Under this rule two si ointments could be supplied separatel say 1 oz. pots, but a 2-oz. mixture of would constitute a prescription t dispensed, and the unqualified contr would not be paid for this.

Eye Lotions.—*W. F. M.*—Of the medicaments used in these preparat the more popular are as follows: So bicarbonate, borate and chloride, acid, ammonium chloride, zinc chlorid sulphate, glycerin and witch hazel ex and the following formulas give an i tion of the strengths usually employe

Simple

Boric acid	25
Sodium borate	30
Distilled witch hazel ..	50
Distilled water, to make ..	1,000
Sodium bicarbonate ..	4
Sodium borate	4
Sodium chloride	4
Distilled water, to make ..	1,000

Astringent

Boric acid	2 dr
Zinc sulphate	10 gr
Distilled witch hazel ..	2 oz
Glycerin	½ oz
Distilled water to	20 oz
Ammonium chloride ..	2·5
Zinc sulphate	5·0
Camphor	3·0
Alcohol	120·0
Distilled water	800·0

A lotion which can be used with b by individuals whose eyes have subjected to excessive exposure to radiation, such as from carbon-arc and welding, etc., is as follows:—

Boric acid	10 gr
Zinc sulphate	½ gr
Adrenaline solution (1 in 1,000)	10 ♏
Distilled water to	1 oz

It will be appreciated that all eye l must be sterile and free from foreign m and to achieve this end special preca will be necessary.

Closed on Saturdays.—Advertiser subscribers are reminded that owing t conditions the Head Office of The C and Druggist, 28 Essex Street, London, is closed on Saturdays until further Urgent instructions relating to advertisi subscriptions should be sent to the *C.* 17 Argyle Street, Bath, Somerset.

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corbic acid lies in its power—
reduce the incidence and
ence of infection.

educe the period of convalescence
the period of healing of wounds
fractures.

educe or to prevent undue prone-
to fatigue and stiffness of muscles
owing unwontedly vigorous
tion.

needs of infants and children are
large extent satisfied by the pro-
n of rose-hip syrup, blackcurrant
e, oranges and orange juice, but
er present conditions it is almost
ossible for adults to maintain a
cient intake of ascorbic acid from
average diet. Adults will benefit
kedly from taking an extra amount
the vitamin in the form of
rbic acid.

TABLETS of 50 mg.	Wholesale, each	Retail, each
Tube of 20 - -	1/4	2/-
Bottle of 100 - -	4/4	6/6
„ „ 500 - -	20/-	30/-
„ „ 1000 - -	39/6	59/3
TABLETS of 25 mg.		
Tube of 20 - - -	-/10	1/3
Bottle of 100 - -	2/8	4/-
„ „ 500 - -	11/8	17/6

Also in 5 mg. tablets for infants

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ANNOUNCE:..

and extension of the Medicinal side of the organisation of Kathleen Court land) Limited. February 1939 saw the first of our series of advanced, ound, Products in the Medicine Field—in Ekner Health Salts. Despite ipset times, Ekner became a quick success, and remains one. Now come New Products; a third being a Tablet variation of the 'Ekner' Formula.

business, like ours, depends for its upon continuous Public Interest. Just ooltan' presented its story large-scale lramatic way, a method now less prac- e with controlled Products, so these Medicinals will, we believe, keep this Business alive, alert and vital. We are all identified with the same broad interests. Any move which keeps the Public interested in what the Pharmacy has to sell is a good move.

New Tablet Medicinals

ner' Tonic 'Pick-Me-' Tablets. A safe, n answer to a frequent r "something quick" to hose Headaches, Nervy and even "Hangovers" e serious in Wartime ver to people who must he work done. Wide of genuine benefits. Two 30's at 1/11½d. including Trade, 15/- dozen, ex 50's at 2/9½d. including Trade 21/- dozen, ex

II 'Dex.' A 1943 advance in Therapeutics as relating especially to Digestive Disturbance. Supersedes older forms of simple antacid compounds. Is Anti-Spasmodic and Adsorbent as well as Antacid; without objectionable laxative effects. Includes Mag. Trisilicate. Two sizes: 30's at 1/6½d., including Tax. Trade, 12/- dozen, ex Tax. 60's at 2/7½d, including Tax. Trade, 20/- dozen, ex Tax.

III 'Agon.' (Pronounced AY-GON.) A Remedy for Asthma, Hay Fever, Bronchial Ills, Smoker's Cough, etc. Claims a new high standard of efficiency combined with Safety. There are several interesting points in the Formula, while the Ephedrine factor is below 1%. 5-gr. Tablets. Two sizes: 12's at 2/6d., including Tax. Trade, 19/6d. dozen, ex Tax. 25's at 4/6d., including Tax. Trade, 34/9d. dozen, ex Tax.

Ekner **Dex** **Agon**

ll three Products will be Advertised substantially, commencing in a few ys to allow for stocking. It will be appreciated if orders are placed through the Wholesale Trade

Distributed for the Proprietors, Kathleen Court (England) Limited, by:—

SUN ISLAND CHEMICALS LTD.
'Bylands,' St. George's Hill, Weybridge, Surrey

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By arrangement with their British agents, the principal products of G. W. Carnrick Co. of U.S.A. are now manufactured in Britain.

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PRIVATE FORMULAS COMPOUNDED BY EXPERTS (*Strictest Secrecy Guarant*

We have specialised for many years in— **CONTRACEPTIVES** (Special Formulas), TABLETS and

ON'T BE CAUGHT NAPPING

According to the influenza epidemiology curve an outbreak is on the way. Consequently there will be an overwhelming demand for **EPISEPS.** Stock up now. Your customers' requirements will be urgent and insistent.

EPISEPS germicidal throat tablets are an ethical product for chemists only. **EPISEPS** contain proflavine sulphate, amongst other ingredients. Proflavine sulphate in concentrations as low as 1 in 80,000 will inhibit owth of, and in concentrations of 1 in 30,000 will totally destroy in a few seconds lytic streptococcus, pneumococcus and staphylococcus aureus. These three are the virulent invaders of the membranes of nose and throat, and once they have grown to in vivo the symptoms of influenzal throat appear. It is now established that these organisms operating as an airborne and filterable virus are the cause of 'flu. (It is of st to note that iodine as a bactericidal agent against these is useless unless used in such igh concentrations as to be severely caustic to the mucous membranes.)

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EPISEPS calendars are now available upon request to Chemists. Under the Paper Order we are afraid that we cannot distribute these free, so with your request will you please enclose 1d. stamp.

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TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply for the last eighteen months, but we are now pleased to advise you that this preparation

IS AGAIN AVAILABLE
IN PACKINGS OF 20 AND 250 TABLETS

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'People say BESORBON is good'

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Defensive measures against invasion of the pathogenic organisms always present in the nasal passages, are particularly necessary during a war-time winter when natural resistance is notably low. The Karsodrine Inhaler is proving to be a potent aid in minimizing the unpleasant manifestations and the disability arising from nasal infections generally.

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Retail Price **1/6** (Inc. Tax)

FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax), which yields 5/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

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8-oz. tins
NEW RETAI
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PAIN RELIEVING TABL

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6½d. inc. P.T.	4/5 doz. (packed in 3 doz. displ
1/5 ,, ,,	11/3 ,, ,, 1 ,, ,,
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Most chemists and pharmacists w know that the underlying cause of m Rundown, Nervous conditions and D ficiency diseases is Mineral and Vitam deficiency.

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Rheumagic has proved its ability to give relief from pain and enables many sufferers who would otherwise be confined to the house to continue at their work.

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an Internal Application

WHOOPING COUGH ELIXIR

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Benzyl Benzoate 5%
Tinct. Drosera 1-10 0.78%
Phenazonum 0.5%
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WHOLESALE
10/- Dozen + 16⅔%

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The Purchase Tax on Perox-Chlor has now reduced to 33⅓%, and the new retail selling p are 1/7, 3/10, and 6/4.

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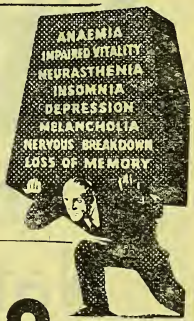

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Reduced Consumer prices from

MARCH 1, 1943

1-lb. tins - 2/1½d. each
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Before the war leading Medical opinion at home and abroad agreed that even then a daily teaspoonful of Cod Liver Oil was needed to supplement the diets of infants, children, adolescents, and nursing and expectant mothers. The pre-war *Report on the Physiological Bases of Nutrition* 1936, setting down these conclusions and recommendations was endorsed by our own Ministry of Health and the British Medical Research Council.

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But the Ministry of Food Scheme needs the active co-operation a support of the Pharmaceutical P fession in recommending mothers take advantage of these facilities a in getting them to appreciate t importance and value of Cod Li Oil in pre-natal care and through childhood and adolescence.

For those outside the scheme, a also for those who prefer freedom choice, SevenSeaS pure Cod Li Oil is available in all chemists' sh throughout the country. There is shortage of SevenSeaS, and its qual and purity remain unimpaired. T Pharmaceutical Profession is, ho ever, reminded *that orders sho be placed at least two or three mon ahead of actual needs*, as the di culties of packing and delivery greater than ever before.

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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JANUARY 30 1943

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Kindly Order One Colour per Batch.
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Prices advanced. Ask us for price list. Also details of **Richards Growmore 7. 7. 7.** National Fertiliser.
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Chalks: Precipitate, French and Subs. **Talc.** for all purposes. **Talc.** Substitute (Cosmetic Quality); **Kaolin,** B.P.; **Triethanolamine** Substitute; **Gum Karaya,** Powder, White; **Gum Tragac,** Powder, all Grades; **Scouring Powder** (no coupons); **Soapless Cleansers** (no coupons); **Gelatine,** Powder and Sheet; **Menthol:** Chinese and Japanese; **Oils:** Orange, Sandalwood, etc.
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2 oz. to 40 oz., with metal screw caps, also corks. Large stocks, prompt delivery. Send stamp for list.

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Genuine English Lavender Flowers

Their fragrance sealed in attractive cellophane pack. 42/- per gross. Post Paid, with show cards Sample packet 9d.

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56 lb. **Prepared Calamine, B.P.**; 120 lb. **Mixed Fine Crystals**, ⅔ Tartaric and ⅓ Citric Acid, Guar. Pure; 2 cwt. **Soft Yellow Mineral Wax**; 256 lb. **Wool Fat** (Lanoline). Offers. **6 Park Hill, Bury Old Road, Prestwich, Lancs.**

Deodorized Technical Oil, Pale Straw. 3 drums of good quality oil for disposal, 8/- gal.; 40/45 drums. Free drums. **Bath Salt Raw Materials.** Soda. Sesquicarb. Feathery Crystals, 35/- cwt.; 67/6 2 cwt.; Soda Carb. Pea Crystal, 30/- cwt.; **White Beeswax**, Genuine, 5/6 lb., 7 lb. **Conc. Perfume Compounds.** Send 2/6 for samples. **Willson's, 102 Carr House Rd., Doncaster.**

WAX COMPOSITIONS

Suitable for the preparation of Ointments and Creams, complete instructions supplied with every Order. Ask for particulars.

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Secondhand Plant & Machinery in stock. Tanks, Jacketed and Plain Pans, Filter Presses, Hydro Extractors, Disintegrators, Refrigerators, and everything for the Chemical Works. Engines, Boilers, Electric Motors, Generating Sets, Compressors, Pumps, Fans, Blowers, Hydraulic Plant, Steel Joists, Tubes and Fittings. **New Rubber Boots and Gloves, Tarpaulins, Blocks and Tackle. etc.**

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7/6 for 40 words or less, 2d. for every additiona

Employment of Women (Control of Engagemer 1942

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RETAIL (HOME)

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